Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

6269

1881 | Catalogue Tenth Year | 1890

DEPARTMENT OF AGRICULTURE
DIVISION OF
MAR 12 1898
BOTANY
SEED LABORATORY.

We Aim to Please!! and Seldom Miss.

WE WANT YOUR TRADE. WE WILL CONVINCE ALL

WHO PLACE THEIR ORDERS WITH US THAT FOR MONEY SENT
WE RETURN THE MOST AND BEST

VEGETABLE, FLOWER AND FIELD

SEEDS

Seed Potatoes, Small Fruit Plants,

Fruit Trees, Shrubs, Grape Vines, Etc., Etc.

Including Nearly One Hundred New Varieties.

THE NEW CRANDALL CURRANT,

A Fruit Specialty.

FRANK FORD & SON

RAVENNA, O.

☞ Prompt and Faithful Attention Given to All Orders, Large or Small.

Werner Ptg. & Litho. Co., Akron, O.

1890. GREETING. 1890.

KIND FRIENDS AND PATRONS:

AGAIN we come to you with our New Year's Greeting. May the year just begun be fraught with prosperity, happiness, and the richest blessings vouchsafed to man. Wishing you many a happy New Year we extend to you our hearty thanks for your confidence in us, and your patronage in the past, and trust, as it is our "Aim to Please," that we may continue to have your confidence and orders, as well as your aid in extending our trade to your friends and neighbors by speaking a good word for us in season, or by sending us the address of a few whom you know will be benefited by using our goods. Our experience will certainly enable us to serve you even better than before.

As heretofore, it is no part of our desire to make a picture book by using extravagant illustrations, but rather to give accurate, truthful descriptions, instead of *bombast* and *exaggeration*; our course accords with our ideas of propriety and honesty, and of the best method of securing lasting patronage from people of good sense.

"Your Seed Catalogue came to hand a few days ago. I am fond of looking over just such a manual. It reads easy and is sensible." F. D. DRAKE, Foxcroft, Maine, 2-25-89.

"I like your style of Catalogue—plain and reliable; and I like your seeds—*cheap* and *good*."
G. B. BELL, Franklin, Pa., 3-2-89.

Friends, we have no seed to offer you that will produce Cabbage or Tomatoes that require the aid of a long ladder to reach their top; nor Melons that a large man can hide behind; Cauliflower three feet across; Jumbo Beets; Potatoes that can be plowed out of the ice in Arctic regions; Strawberries that require a broadax to cut them in pieces. Neither can we offer you all Northern, Southern, Eastern, Western or Philadelphia grown seed, as no one locality can produce all kinds of seed in perfection. If you must be humbugged by such claims, you must place your order with "that other fellow," yet we sell the best Seeds, Plants and Trees it is possible to grow or procure. Each variety of seed is grown with the utmost care to insure purity, in a climate and soil suited to its perfect development, and then thoroughly tested as to vitality. Such goods we offer to all.

To those who receive this Catalogue, who have never given us an order, we have to say: *We can't make you trade with us*, but we can urge you to give us a trial order, thereby giving us an opportunity to show you that no one can supply you with better goods, and that we can please you as we have thousands before. Our patrons are not disappointed at harvest time, but are always happy and ready to testify to the good quality of our goods and give us their orders year after year. We will let some of them speak for us:

"We prefer to deal with you since you have always dealt with us in an entirely satisfactory manner. Never for once have your seeds or plants disappointed us." Other dealers have occasionally disappointed us.
H. R. GRANNIS, Leroy, Ohio, 2-11-89.

"I got my seed of you now *four years*, and am always well pleased with them."
JACOB SMELTZER, Nappanee, Ind., 2-27-89.

"We sent for five catalogues this year. We like the way you have yours—so *neat* and *plain*. We ordered some Northern Grown seeds last year, and made a big garden, and had all the work to take care of it, but the seeds did not grow. Although the man makes the biggest fuss of his catalogue of any."
CHARLES SCHWARZ, Addison, N. Dak., 2-20-89.

"I have found you straight and prompt to deal with in every particular, and everything true to name and of the highest standard. Next spring you may look for a big order from me. I have been with you 13 or 14 years and not even one thing to complain of." DANIEL HOLCOMB, Waukesha, Wis., 4-3-89.

"The seeds I got of you last spring were the best I ever planted. I feel thankful to you for your honesty."
J. B. MCCLURE, Carman, Ill., 3-10-89.

"I am glad to say, as I have opportunity, that your word and goods have been always first-class. May you prosper in all things." REV. A. D. STOWELL, Binghamton, N. Y., 6-1-89.

"I like your way of dealing. Good sound seeds are better than flowery catalogues filled with empty promises. Your seeds gave the best satisfaction. I shall send to you again."
JAMES ROOT, Spring Mountain, Ohio, 3-15-89.

"The plants and vines I got of you are giving wonderful satisfaction, there never was any plants came to this place before so nice as those. I have no trouble to sell to those who got of me last spring. Of the 50 Niagara Vines all but one grew, and that was broken." D. R. LE MUNYAN, Neptune, O., 3-6-89.

"I like the style of your catalogue. When I buy seeds or plants I don't want to pay for a chromo or help pay some person a large premium for a big pumpkin or onion." W. L. GRIMES, Wallace, Ind., 2-12-89.

The above are only samples of hundreds of testimonials we have received during the past year. Some others are scattered through the catalogue to fill up a "niche" here and there, not one of which have we ever used before. We give the full address. We sometimes correct grammatical errors, but we will give $100 to any person to prove that every one is not absolutely true in substance. Every letter from which extracts have been made is on file.

Finally, we want your trade. For this purpose we mail you our Catalogue, which, although not as "big" as some, costs money, and yet it is absolutely free to you and your friends, and we will return to all their money's worth in honest goods, not charging double price to pay for illuminated covers, chromos, premiums, etc. This is our platform, on it we stand or with it we fall. Will you help to sustain it?

Again thanking all for kinds words and encouragement by way of orders, and awaiting your further commands, we remain, Very truly yours,

FRANK FORD & SON.

OUR BUSINESS STANDING AT HOME.

As our catalogue goes into the hands of *thousands* each year with whom we have had no business relations or acquaintance, we submit the following endorsement from our townsmen, as an introduction, not to those with whom we have had years of pleasant business and social relations, but to those who are strangers to us, with whom we wish to become acquainted, at least in a business way, to our mutual benefit.

TO WHOM IT MAY CONCERN:

We, the undersigned citizens of Ravenna, Ohio, have been acquainted with Frank Ford & Sons for many years, and we can vouch for them as being honorable business men in every respect, and any orders given them will be faithfully executed:

J. S. GILDARD, Agent Wells, Fargo & Co. Express.
A. A. PARKER, agent Adams Express.
I. M. KELLEY, Postmaster.
W. S. KRAKE, ex-Postmaster.
S. R. FREEMAN, County Auditor.
D. C. COOLMAN, President Second National Bank.
JOHN MEHARG, ex-County Clerk.
W. A. JENKINS, ex-County Treasurer.
J. C. BEATTY, ex-County Treasurer.
C. A. REED, ex-Probate Judge.
D. C. GARDENER, Insurance and Real Estate Broker.
T. B. DICKINSON, Insurance Agent.

PLEASE READ **The following Directions, Terms, etc., before making your order, as nearly every question that can be asked in regard to our business is answered under this head, and it will save a vast amount of correspondence.**

YOUR NAME, POST-OFFICE AND STATE should be distinctly written, and be sure that neither is omitted. This may seem to many an unnecessary request, yet we receive many letters without signatures, or without post-office or state.

TERMS: Orders for goods amounting to less than $10 must he accompanied with full amount in cash. If desired, we will book larger orders when one-fourth the amount comes with the order, balance to he paid before shipment. Our prices are two low to incur any risk by giving credit. No goods will be sent C. O. D.

SHIPPING FACILITIES. Ravenna is located near the middle of the two great lines of railroad, the Pennsylvania and Erie systems, and we can ship (without rebilling) to Pittsburg, Washington, Baltimore, Philadelphia, New York, Albany, Boston, Rochester, Buffalo, Cleveland, Toledo, Chicago, Indianapolis, St. Louis, Terre Haute, Louisville, Cincinnati, Wheeling and all intermediate points. We have the Adams and Wells Fargo & Co. Expresses, the latter runs from ocean to ocean, and not only bill to all points reached by them, but to all common points of the American and U. S. Express at one through rate; that know one may be misled, we would say a common point is where two or more Express Co.'s reach one town or city, making Ravenna one of the best shipping points in the United States.

EXPRESS CHARGES. All the Express Companies have agreed to a reduced rate on Bales and Boxes of plants and trees, amounting to a reduction of 20 to 35 per cent. on packages weighiug from 10 to 60 lbs. each. This will make a great saving to purchasers. We hope none of our patrons will ask us to prepay express charges, as until the package is put up and weighed we cannot tell how much it will be, and in the rush of packing it is liable to be overlooked, as it is not customary; besides this it will not cost one cent more to pay at the end of the route.

SEEDS AND PLANTS BY MAIL. The reduction of postage from 16 cents to 8 cents per lb. is of very great benefit to our patrons, and perhaps a little to us, by increasing our trade. Now goods weighing 10 lbs. or less will go to all points west of Illinois, the Gulf, Atlantic and New England States, as cheaply by mail as by express; and to the Pacific States for about one-half. The reduction of postage is of especial benefit to all who do not live near any express.

We have had large experience in mailing plants. By our *manner* of *packing* they have invariably reached their destination to all parts of the United States, Canada, France, England and Mexico. By using *Uncle Sam's Mail Bags* our most distant patrons will get their goods at the same price as those living near by.

"The Crandall came safely in the best condition in which I ever received a plant by mail in my life. The Moss was still wet. I had almost given up having any more plants sent by mail, but owing to distance, I decided against my will to have the Crandall by mail. I was more than surprised. Again I thank you for the splendid manner in which you sent it." S. SPILLETT, Nautye, Ontario, 10-30-89.

"The dozen Colton apple trees sent by mail two years ago are nice trees now."
L. HALE, Ruidoso, New Mexico, 12-31-88.

GUARANTEE. We guarantee everything that anyone can, whether "three warrants" or more, that our seeds are of good vitality, and plants alive and true to name, insomuch that we will refill any portion of an order, or refund the purchase money, for anything that should, through mistake, prove otherwise. That goods will arrive at destination in good order by mail or express. Goods sent by *Freight* will be at purchasers' risk after they are delivered to forwarders and a receipt taken; and for any damage by delay or otherwise, they alone are responsible. That money sent by postal money order, express money order, bank draft, or by express, will reach us safely. As there are many contingencies on which the final success of the crop depends, we cannot warrant any given result, or hold ourselves responsible for failures from any cause.

PRICES. We aim to make as low as it is possible to sell small bills of seeds or plants "Guaranteed" true to name, sound and properly packed, and the price is plainly given for each article. We will, however, make a discount of FIVE PER CENT. on all orders amounting to $10 at list prices, and TEN PER CENT. on all orders amounting to $20 and over, at list prices, *except potatoes by the barrel.* We also make a special low rate on collections of seeds in PACKETS, see page 4. Prices DO NOT include Postage, except on seeds in PACKETS and OUNCES. To go by mail, postage must be added at the rate of EIGHT CENTS per pound, and *Fifteen* cents per quart for Beans, Peas, Pop Corn and Field Corn, and 10 cents per quart for Sweet Corn.

HOW TO SEND MONEY. Postoffice or Express Orders, Drafts on New York, or Registered Letters will be perfectly safe and at our risk of loss, preference being given in the order named. To personal checks add 25 cents for collection on all sums of less than $50.

We assume no risk of loss in the mails of Postal Notes, Currency or Stamps enclosed in a letter without being registered, although we deem it quite safe to send small amounts in this way.

POSTAGE STAMPS may be sent for change, but do not send one dollar's worth when a bill can be obtained; one cent stamps preferred during January and February; after that, two, five or ten cent stamps. Be careful not to moisten them.

ORDER EARLY. Do not wait until you are ready to plant. Orders for seeds alone will be sent soon after the receipt of order, and for Potatoes and Plants will be filled in rotation as received, as near as may be and as early as the season will permit. By having orders early, so they can be booked and tags ready before the hurrying season begins, it will greatly facilitate our work and lessen the chances for errors. We like large orders, but small orders will have prompt and careful attention.

PACKING. We work for the interest of our patrons by making each package as light as the safe carriage of the goods will permit. This is done in the best possible manner, either in bales, boxes, barrels or baskets, for plants and trees using plenty of good moss, receiving the highest commendations from all for the Superior Conditions on arrival at destination.

☞No charge is made for packing, except for bales of trees, for which it takes burlaps, moss, straw, twine and time. To the cost of trees, on bills amounting to less than $5 add 40 cts., bills from $5 to $10, add 50 cts., which will only partly cover the actual cost, including time. $10 worth of trees or more will be baled free.

"The box of trees came all right. I am 66 years old, have bought a *great many* trees from different Nurseries, was in the nursery business in Maryland 17 years myself, but must say I never received a lot of trees and plants with *as good roots* or in *as good condition.*" SAMUEL B. WALTON, Smithwood, Tenn., 5-21-88.

"The plants came in the finest possiblo condition. They would have kept many days longer; am well pleased with them and wish you much success." A. S. CROSBY, Aurora, Neb., 5-10-89.

"Order 4,803 arrived to-day in such good condition I want to thank you for promptness and generosity in filling orders." MRS. HENRY C. BARNARD, Bellevue, O., 5-1-89.

"My trees came in fine shape, am well pleased with them, never saw trees packed better."
H. F. PRILL, St. Omer, Ind., 4-25-89.

ERRORS. The utmost care is taken to fill all orders to the letter, but if any mistakes occur in count or omission, please notify us at once, and they will be cheerfully corrected. Shortage or damage must be reported at once on receipt of goods, or no claim will be allowed.

SUBSTITUTING. Orders for Trees or Plants received before March 20, will be filled without substituting, if the varieties can be had unless permission is given to substitute. After March 20, as there will be no time for correspondence, we reserve the right to fill any order, if necessary, with other varieties equally as good and of the same season, unless the order distinctly states "No Substitution Allowed."

ORDERS PARTLY FILLED. It sometimes occurs that we run short of something needed to complete an order, or some novelty ordered is not at hand. In such case we fill the order so far as we can and put in a printed slip saying "Balance of order will follow by mail soon." As soon as the goods to complete the order are received, they will be forwarded by mail. We mention this to save our patrons any anxiety and to save correspondence.

WE DO NOT GROW ALL OF OUR SEEDS. No one does. On one can and have them pure, or of good quality. To grow such a stock of seeds, as we carry, requires a great diversity of soil and climate to produce them in perfection, and varieties must be widely separated to insure a reasonable degree of purity. It amounts to an admission that their stock, as a whole, is of very doubtful quality for one to claim that they grow all of their seeds, or that they are all "Northern grown," or "Philadelphia grown." We grow such varieties as are best adapted to our soil and climate; some we have grown on contract from carefully selected stock seeds in localities especially adapted to their growth—and still others we purchase from growers and dealers, known for their reliability. Some are grown in Can., Wash., Wis., Ill., N. Y., Conn., Mass., Penn., Ohio, a very few in Europe We handle no cheap or doubtful seeds. Every variety we offer is such as we would plant ourselves, and expect good results, and be a credit to us to sell to the most critical market gardener.

FORM CLUBS. By having your *neighbors* join with you and buy your supplies in quantity; you can reduce the cost of goods, and express or freight charges to the lowest figure. We will send special inducements to any one who will promise to spend a little time in getting up a club for our seeds, plants or trees.

MARKET GARDENERS And others who purchase seeds in quantity should apply for our special list of bulk seeds, before placing your orders elsewhere.

TO OUR PATRONS in the Paicfic Coast and Gulf States. We are thankful for your liberal patronage, as it is not possible for us to dig plants before your usual planting season has past. Although the plants and trees we have shipped you, have reached you in good order, being dormant, and so far as we can learn, have made a good growth, some of our *friends* have been impatient, to say the least, because they did not receive their goods earlier. We would advise all such to give us their orders in the fall for trees or plants, but let us have your seed orders in January or February.

TO OUR CANADA FRIENDS. We shall look for a greatly increased patronage, as there is now "Free Trade" between the U. S. and Canada on all kinds of Nursery stock.

Packages weighing *four pounds* or less can now be sent by mail at 8 cts. per lb. to any part of the Dominion.

OUR POPULAR SPECIAL OFFER

OF GARDEN AND FLOWER SEEDS IN PACKETS ONLY.

Including all **novelties,** only one packet of each, in Vegetables and Flowers, listed in this catalogue. The collection may be made up of either flower or vegetable seeds, or partly of each, at the option of the purchaser.

SEEDS BY WEIGHT OR MEASURE CANNOT BE INCLUDED IN THIS OFFER.

From the fact that this offer has become *wonderfuly Popular*, giving universal satisfaction to the vast number who have availed themselves of its terms, and that it has been one of the best means of advertising our seeds, we again make the following

UNPRECEDENTED OFFER:

For 25 cts. the purchaser can select seeds in PACKETS to the value of 30 cts.
For 50 cts. the purchaser can select seeds in PACKETS to the value of 70 cts.
For $1 the purchaser can select seeds in PACKETS to the value of $1.60.
For $2 the purchaser can select seeds in PACKETS to the value of $3.25.
For $3 the purchaser can select seeds in PACKETS to the value of $5.00.

☞Prepaid by mail if desired to any part of the United States or Canada.

Considering that we give our full size retail Packets, many of them priced only 5 cents, and containing as much seed as others priced at 10 cents, and that the purchaser can select any kind of Vegetable or Flower seed they may need, that we offer in packets (including all novelties listed by us, but only one packet of each kind,)

IT IS THE MOST LIBERAL OFFER EVER MADE.

The profit is so small on this special offer, we can only make it for the purpose of inducing the largest number possible to test our seeds, knowing that as in the past, in the future, the result obtained by planting FORD'S SOUND SEEDS will be the best advertisement we can give them.

☞We wish it distinctly understood that if seeds by WEIGHT or MEASURE are included in an order, under this offer, we shall fill it with packets enough to come to the amount sent, neither can seeds not listed by us be included.

SPECIAL OFFER No. 2.

By a special arrangement with the publishers of POPULAR GARDENING, we offer to *new subscribers* one year's subscription as a free gift to all who give us their order for $4 worth of stock at list prices, without other discount; however, 50 cts worth of seeds in packets may be included as per special offer above. *Popular Gardening* is a live, wide awake, Illustrated Dollar Journal, gotten up expressly to suit such as use our class of goods, whether it be market, pleasure or home gardening. In style clear and concise, just as busy people like. It covers the entire horticultural field. New Varieties, Ideas and Devices. The editors live, garden and write at their country home, where tests are made in the sole interest of the readers. Printed on the best paper, with clear type. Illustrated with over 400 original, practical engravings. All questions from subscribers answered in its columns. To see a specimen send 4 cts in stamps to the POPULAR GARDENING Co., Buffalo, N. Y.

SOUND VEGETABLE SEEDS.

Accurate Descriptions of Novelties and Varieties of Superior Excellence,

WITH PRICES OF ALL.

As we send large Quantities of Seed by Express and Freight, as well as by Mail,

OUR PRICES DO NOT INCLUDE POSTAGE EXCEPT ON PACKETS AND OUNCES.

If to go by mail, in larger quantities than ounces, add for postage at the rate of 8 cents per pound; 15 cents per quart on Peas, Beans, Pop and Field Corn and Sugar Cane. 10 cents per quart on Sweet Corn and Broom Corn.

ASPARAGUS.—*Spargel.*

Conover's Colossal. A well tried standard variety, large size, quick growth, excellent quality. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; 1 lb 40c. One year roots by mail, 75c. per 100; by express, 50c. per 100. Two year roots by express, 75c. per 100.

Moore's Cross-bred. New, claimed to be of great excellence. It has taken the prizes at the Mass. Hort'l Shows for years. Pkt. 5c.; oz. 15c.; ¼ lb. 30c.; lb. $1. One year roots by mail, 80c. per 100; by express, 60c. per 100.

Palmetto. New, said to be "earlier, yielding better and more even and regular in its growth" than Conover's Colossal. Pkt. 10c.; oz. 30c.; ¼ lb. 75c.; lb. $2.25. One year roots by mail, $1.25 per 100; by express, $1.00 per 100.

BEANS.—*Bohne.*

DWARF OR BUSH.

If to go by mail add to the price at the rate of 15 cents per quart for postage.

We pay the postage, and give discounts as per Our Popular Special Offer, page 4. On our LARGE PACKETS of PEAS, BEANS and CORN, containing two ounces or more, except novelties, while many put in but one ounce.

From among the many new varieties of Dwarf Beans that will be offered this season, we have selected the following four varieties that seem to be of unusual excellence, and we are confident they will please all who plant them. Our stock is from the introducers, and we quote from their descriptions:

Yosemite Wax. "This is a giant among beans. The monster pods average eight to ten inches in length, and are the thickness of a man's finger. *Nearly all solid pulp*, absolutely stringless, cooking tender and delicious. They are of a rich golden color, making a most handsome appearance either on the plant or on the table. The YOSEMITE combines size, productiveness and exquisite quality in one variety, and is the nearest approach to perfection that nature has given us in Bush Wax Beans." Pkt. 15c.; ½ pt. 75c.; pt. $1.25.

Burpee's Saddle Back Wax. "*Absolutely the finest in quality of all Dwarf Wax Beans.* The pod is large, long, straight, round, and very full of meat. When the pods are broken between the beans there is no open space, and is absolutely stringless. The growth of the bush is vigorous and a profuse bearer. In combining handsome appearance for market and rare table quality it is *unapproached by any other variety* in cultivation and marks the greatest improvement yet obtained in Wax Beans." Sold by the packet only, at 25c. each. Five pkts. $1.00.

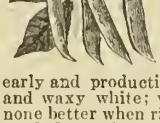
Griswold's Ever-bearing Wax Bean. "In this new bean which is offered this year for the first time, we believe we have the most valuable dwarf wax variety ever offered. It is of wonderful productiveness, pods remarkably handsome, thick, fleshy, entirely stringless, and exceedingly rich, buttery and fine flavored when cooked. Their greatest value is in their ever-bearing character, beginning to bear early and continuing to produce their magnificent pods throughout the entire season." The stock is so limited that it is only offered in packets this season. Pkt. 15c.; 4 pkts. 50c.; 10 pkts. $1.00.

Henderson's New Bush Lima. "Grows without the aid of poles, in compact bush form, about 18 inches high, and produces enormous crops of delicious Lima Beans. It is two weeks earlier than any of the climbing Limas, produces a continuous crop from the time it comes in bearing until frost. It being enormously productive (a single plant last season having produced a pint of shelled dry beans), a small patch will supply a family through the season. The beans are of the size of the Sieva, or Small Lima." Pkt. 20c.; ½ pt. 50c.; pt. 90c.; qt. $1.50.

WAX PODDED VARIETIES.

Golden Eyed Wax. This is extremely early and vigorous, growing very rapidly, yielding a great profusion of tender, succulent, stringless pods of a beautiful waxy appearance. In flavor it is unsurpassed. The vine grows about 18 inches high, is strong, holding the pods well off the ground, keeping them clean and free from rust. This we grew last season, and can recommend it as being one of the very best wax beans, and no order is complete without at least a packet. Pkt. 10c.; pt. 30c.; qt. 50c.

Wardell's New Kidney Wax. This is one of the earliest, most productive and hardiest wax bush bean grown, being several days earlier than the Golden Wax; pods very long, broad, flat, of delicate waxy yellow; brittle and stringless, of a fine buttery flavor as snaps, and excellent for winter use when dry. Seed kidney shape, nearly white, shaded with reddish purple, Pkt. 10c.; pt. 20c.; qt. 35c.; peck $1.75.



New Golden Wax. Very early; six to ten days earlier than Black Wax, of the highest quality either for snaps or to shell while green. Pods stringless, long, broad and flat; golden yellow, very fleshy and wax-like; cooks quickly; seed medium size; oval, mottled. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

Ivory Pod Wax. Very early and productive; entirely stringless; pods long and waxy white; very tender as a string bean, and none better when ripe for baking, being very rich and good flavored; seeds white. Pkt. 8c.; pt. 15c; qt. 25c.; peck $1.50.

Crystal White Wax. Pods waxy white, nearly transparent, fair size, stringless, very rich and tender, quick growth and retains its tenderness a long time; seeds white. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

Dwarf Mont D'Or. A new German variety; one of the earliest and best wax beans, vines remarkably vigorous and prolific; seeds brownish black; pods yellow, stringless, thick, tender and of fine flavor. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

Wax Date Dwarf. A new, extremely early, and prolific sort, with large golden yellow pods, often six inches long, full, fleshy, without strings, and remarkable for its pods keeping a long time fit for use without forming seed. This is one that everyone should try. Pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.50.

Black Wax. Pods thick fleshed, waxy yellow, and tender. A well known standard variety. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

GREEN PODDED VARIETIES.

Thorburn's Extra Early Refugee. A new variety, now first offered. "One of the most valuable introductions in beans ever made. This bush bean has all the first-rate qualities of the well known Refugee, but will be ready for the market or table at least ten days earlier. It is an immense yielder and sure to produce a crop in either wet or dry seasons. Two crops have been grown in one season." Pkt. 10c.; pt. 20c.; qt. 35c.; peck $1.75.

Best of All. A new variety, early, vigorous and prolific; pods long, very fleshy, stringless, and of rich flavor; of recent introduction from Germany; one of the best for market or family use. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

Early Red Valentine. *Imp. Round pod.* An improvement on the Old Valentine, being about ten days earlier; the pods are very tender, fleshy and brittle. By some it is liked better than the Wax varieties for string beans, especially profitable for market gardeners on account of earliness and great productiveness. The seed we offer of this will be found equal to any ever grown. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.25.

Long Yellow Six Weeks. A good old sort; very early, prolific, good quality. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Champion. *Low's.* "Pods green, large and long, containing five to eight beans each, which are bright red when ripe, and fine flavor when cooked. As a string bean it is of exquisite flavor, entirely stringless and tender, wonderfully productive." Pkt. 10c.; pt. 20c.; qt. 35c.

White Valentine. This differs from the well known Red Valentine in being nearly two weeks earlier with white seeds, which are excellent for both green and ripe shell beans, besides it is tender, crisp, and fine flavored for a snap bean, and might be called an "all purpose bean." Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.25.

VARIETIES FOR SHELL BEANS.

Dwarf Horticultural *or Marblehead Early Horticultural.* These are the same, although by some catalogued as distinct varieties; extremely early; same size and color of the Old Pole Horticultural or Cranberry, with all its fine qualities; very hardy, prolific, free from rust, handsome red speckled pods. In fact, we think it is the very best early bean for shelling green. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.25.

Boston Favorite *or Goddard.* We have grown this three years, and find it remarkably productive; a week or ten days later than the Dwarf Horticultural; pods long and large, speckled with bright red, showy and attractive; beans speckled, nearly an inch long, and of the very best quality for a green shelled bean. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.25.

White Kidney *or Royal Dwarf.* An excellent standard variety, either to shell green or cook when dried. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Large White Marrow. A standard for field culture, productive. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Prolific Tree. A strong grower, bearing its *load* of pods well up from the ground, not liable to rust; beans small, uniform in size, white and of good quality, resembles the Old Navy bean, but far more productive, a superior field variety. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.25.

BEANS.—*Stangen Bohne.*

Ford's New Mammoth Lima Bean. "This is the result of 20 years' selection by a successful market gardener whose name it bears." (another Ford, not us). From our own personal knowledge *it far surpasses in mammoth size,* great productiveness and fine quality such excellent varieties as *King of the Garden, Salem Improved,* and other fine sorts. The pods grow seven or eight inches long in clusters of three or four, with five to seven large beans each, of the most excellent quality, either green or dry. The vines are vigorous setting the early at the bottom of the pole, and continue in bearing right up to frost.

Ford's Mammoth Podded is absolutely, without exception, the *largest, finest flavored* and *most productive* of all *Lima Beans.*" Introducer's description. Pkt. 20c.; pt. 75c.; qt. $1.25.

King of the Garden Lima. In size, earliness and productiveness this is a great improvement on the old Large White Lima, and of superior quality; the pods form low down in large clusters, with seldom less than four, and often five or six beans of the largest size in each. A great acquisition and cannot fail to please all. Pkt. 10c.; pt. 25c.; qt. 45c.; peck $2.50.

New Jersey Extra Early Lima. A comparatively new strain of great excellence. In all respects this is similar to the Large White Lima except that it is more productive, and 10 to 12 days earlier, making the Earliest Large Lima, especially desirable for this and more northern latitudes, and profitable for market men everywhere. Pkt. 10c.; pt. 25c.; qt. 45c.; peck $2.50.

Dreer's Improved Lima. The seed of this is not as large as the Large Lima. It is a little earlier, and fully as productive and equal in quality. Pkt. 10c.; pt. 20c.; qt. 35c.; peck $2.00.

Extra Early Lima, *or Sieva.* This is the earliest Lima; seed small, but abundant and of fine flavor. Pkt. 10c.; pt. 20c.; qt. 35c.; peck $2.00.

Ruby of Erfurt. "A new and remarkable kind, with ruby red pods, a color hitherto unknown in beans, being not only useful but exceedingly ornamental. It is very early, producing its beautiful pods in great abundance, making a mass of pods from the bottom to the top of the pole, so that a row of this variety *looks like a red wall.* It is very hardy, even in unfavorable seasons, it sets well with pods and ripens with early dwarf beans. Pods are broad, 8 to 10 inches long, very tender, and of delicious flavor. Seeds Chamois yellow." Sold in packets only, each containing 1 ounce, about 60 seeds. Pkt. 15c.; 4 pkts. 50c.; 10 pkts. $1.00.

Excelsior Wax. An entirely new variety, of which we control the stock except a few packets we sent out last season for trial. The reports we get from different parts of the country are such that we now offer it with full confidence that it is one of the very best pole Wax Beans in cultivation, if not the very best. It is among the earliest pole beans and very prolific, requiring a pole not more than 5 or 6 feet above ground, as it produces its enormous crop low down. Pods long, stringless, creamy white, meaty, and of most excellent flavor. Seeds white, resembling White Marrow beans. A superior bean, not only for snaps but for cooking when ripe. This we believe will please the most critical. Pkt. 10c.; ½ pt. 30c.; pt. 50c.

"THE EXCELSIOR WAX BEAN cannot be excelled as a snap or dry bean. I planted my seed in the corn and the vines were just loaded with the most beautiful beans." SILAS GARNER, Farmer's Station, Ohio.

DR. PETER COLLIER, Director N. Y. Exp. Sta., Geneva, N. Y., says: "Our records show EXCELSIOR WAX BEAN, planted May 8, edible maturity as string bean Aug. 5. Productive; 207 pods on 10 plants. Season long, vines green when harvested, Oct. 25 or 26. Quality as string bean No. 1."

"THE EXCELSIOR WAX POLE BEAN did extra fine; planted with *six* other pole beans on the same day, it had well developed pods *five days sooner than the earliest* of the others, and was more prolific and continued to bear longer than any of the others." C. MEULLER, LaGrange, Texas, Feb. 10, 1888.

Early Golden Cluster, (*Dreer's*). A wax variety of recent introduction that sustains the highest claims made for it. A strong, vigorous grower, requiring a pole six to eight feet high. It produces its first pods low down and nearly as early as the Dwarf Golden Wax, and continues to bear until killed by frost; marvelously prolific, pods grow in clusters of three to six, and are six to eight inches long, of a beautiful golden yellow, which they retain a long time after being picked. It snaps easily, is stringless, cooks tender and of very delicate flavor. Pkt. 10c.; pt. 30c.; qt. 50c.

Early Green Cluster. New. "The earliest by two weeks of all pole varieties; as early as any bush variety and very productive; when green the

BEANS—Continued.

beans are white and nearly as large, and possess the same rich flavor to such an extent it is difficult to distinguish them from Limas. Often fit for the table before the Lima begins to bloom, and continue a long time in bearing." Pkt. 10c.; pt. 25c.; qt. 40c.

White Zulu. A novelty. Pods very large round, 6 to 10 inches long, nearly white, stringless, and very fleshy; seed large, bluish black. Pkt. 10c.

Dutch Case Knife. An old stand-by, one of the earliest pole beans, excellent for shelling. Pkt. 10c.; pt. 20c.; qt. 35c. peck $1.50.

Southern Prolific. One of the most productive; pods grow in clusters, and are very long, round and fleshy; they make excellent string beans. Pkt. 10c.; pt. 20c.; qt. 35c.

London Horticultural, *or Cranberry.* An old standard sort, very rich and excellent as a green shell bean. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.50.

Lazy Wives' Pole Beans. A variety of great productiveness; pods green in color, 4 to 6 inches long, broad, fleshy, stringless, and very rich in flavor. The dry beans are white, nearly round, and excellent for winter use; unfortunately it is most too late in maturing for this latitude, especially in such unusually cold seasons as the past was here. However it will be found valuable for a late string bean for pickling even farther north. Pkt. 10c.; ½ pt. 25c.; pt. 40c.

Mammoth Tasmanian Pole Bean. This is from Tasmanian Island, near Australia. Pods sometimes grow three feet long, round and stringless. Before full grown they are equal to Asparagus in sweetness, tenderness and superior flavor. It is highly ornamental, and admirably adapted to covering arbors, porticos, etc. Pkt. 15c.; 4 pkts. 50c.

BEETS.—*Runkel Rube.*

TABLE.

If to go by mail add 8c. per lb. for postage except on packets and ounces.

Mitchell's Perfected. New, now first offered. Introducer's description: "It is entirely distinct from any sort, and is without exception the *earliest beet* ever produced, while its table qualities are much superior to any variety with which we are familiar. It has the color and small top of the well known Egyptian, but unlike it, remains tender, sweet and juicy, even after it has lost its leaves from age, does not crack or become hard, woody and tasteless. We give the *Mitchell Beet* our unqualified recommendation to all those who wish to plant the *Earliest* and *Best* Dark Red, Short Top Turnip Beet for private use or market." Pkt. 10c.; oz. 20c.; ¼ lb. 50c.; lb. $1.50.

Early Crimson. New. Introducer's description: "It is the earliest beet in cultivation and is ready for market in 6 weeks from time of sowing, The tops are short and green, the bulbs of beautiful globe shape with single tap root. The skin is deep blood-red in color, the flesh being also very dark, of the finest quality, tender and sweet at all times. The beets are of good size and uniform, never become tough and stringy with age. As an Early Beet it has no equal." Pkt. 10c.; oz. 20c.; ¼ lb. 50c.; lb. $1.50.

Eclipse. Very early, quick growth, dark crimson color, very smooth, nearly globe shape, small top, and of the best quality. It is not only one of the very best extremely early beets, but if sown late it is good for winter use, much better than the Egyptian in this respect, and is about as early, and of better form and color. Pkt. 5c.; ox. 8c.; ¼ lb. 15c.; lb. 50c.

Lentz. This new variety is certainly a very desirable acquisition. It is as early as any beet grown; has a very small top, with smooth, good sized roots which are very uniform in type; flesh dark blood red, sweet and tender, and does not become tough like some others when full grown. We believe it will not disappoint any one who plants it. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Edmand's Turnip. A new and very superior variety. Nearly as early as Eclipse. Thoroughly fixed and uniform in type. The skin and flesh are deep blood red in color, exceedingly sweet and tender, of good market size, round and very smooth, with a single tap root; top very small. Cannot fail to give the highest satisfaction for winter or summer use. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Early Egyptian. The earliest beet in cultivation, of good quality when young; dark blood red skin and flesh, bulbs medium size and flat; a superior early market beet. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Dewing's Improved Blood Turnip. This is of good size, and smooth; good for home use or market; early or late. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Bastian's Extra Early Blood. Nearly as early as the Eclipse, large size, blood red color when cooked; fine for winter if sown late. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Early Bassano. Very early, roots quite flat, flesh light color when cooked, sweet and tender while young, grows to a large size. Top large, excellent for greens. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.. lb. 45c.

Early Blood Turnip. A very fine strain. Deep blood red, tender, excellent for winter use. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 45c

Perfection. *Philadelphia.* This seems to us to be a carefully bred strain, and the best of the class of half long beets; catalogued as *Half Long Blood; Bastian's Half Long Blood and Pine Apple.* The cut represents the form. It grows to a large size, is a good keeper, deep blood red in color, and flesh fine grained, tender and sweet, none surpass it in quality for fall or winter use Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Long Dark Blood. We have an excellent strain of this popular late beet. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Swiss Chard, Silver, or Sea Kale Beet. Its leaves make excellent greens, they are ready for use earlier and are better than the common beet. Later the wax-like stems make a delicious dish, served as asparagus or pickled. No garden is complete without it. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

MANGEL WURZEL AND SUGAR BEET.

Everyone who keeps even a single cow should grow a quantity of these for winter feed. They yield enormously, and will not only greatly increase the yield of milk, but add largely to the health and general condition of all kinds of stock. The cattle will fairly laugh when they see you coming with them. We name below what we consider the very best varieties, and give the same popular prices that sold large quantities last year.

Orange Globe. The best Globe variety in cultivation, no matter how many or how long names others may give them. Our seed will be found equal to the best and superior to most. This is quite rich in sugar, and will produce a larger crop on light, thin soil than any of the long varieties, and is an excellent keeper. Large Pkt. 5c ; oz. 5c ; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

Golden Tankard. There is no doubt as to this being the most profitable of all the Mangels, as it is an enormous cropper, and is richer in sugar than any other; requires a richer soil than Orange Globe; the skin and flesh are of a deep yellow color, and almost cylindrical in shape. It is fast taking the lead over all others, as it has in England. Large pkt. 5c.; oz. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

Norbiton Giant. This grows to an immense size, and is enormously productive and profitable if grown on deep rich soil; an excellent keeper; has a small top. Large pkt. 5c.; oz. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

Mammoth Long Red. Like the preceding it is mammoth in its proportions, and quite similar in all respects, but perhaps a little darker red. It has many aliases to suit different seedsmen. It is sold as the *Giant-Holstein, Jersey Queen, Jumbo, Dignity, Eiffel Tower,* &c. Our seed will be found equal to the best. Large pkt. 5c.; oz. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

Lane's Imperial Sugar. This is the best of the sugar beets for feeding stock; it is very rich in sugar and nearly as productive as any of the Mangels. Large pkt. 5c.; oz. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

MANGELS AND SUGAR BEETS, all varieties mixed, oz. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

MIXED TABLE BEETS. This mixture will include several of the most popular table beets, and cannot fail to give great satisfaction to private gardeners. Pkt. 5c.; oz. 5c.; ¼ lb. 15c.; lb. 50c.

BROCOLI.—*Spargel Kohl.*

Early Purple Cape. The best variety; heads compact, and of a purple color, similar to cauliflower, but more hardy. Pkt. 5c.; oz. 25c.

BORECOLE OR KALE.

Blatter Kohl.

Green Curled Scotch, a hardy variety used for greens in the winter, is improved by some frost. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

BRUSSELS SPROUTS.

Sprossen Kohl.

Allied to the cabbage family, producing small heads from the side of the stem. Pkt. 5c.; oz. 15c.

CABBAGE.—*Kopf Kohl.*

There is nothing the gardener raises that requires a more careful selection of seed for a profitable crop than the Cabbage. The seed must not only be of good germinating quality, but must be true to name, of uniform type, grown from perfect, solid heads, and in a climate especially adapted to its perfect maturity. Such seed we offer our patrons with the utmost confidence that it will give the highest satisfaction in every respect. We exercise the greatest care in selecting our supplies, obtaining them from growers who make it a specialty, whom we know to be thoroughly reliable. We handle no cheap imported seed, or those of doubtful quality.

Early Jersey Wakefield
The earliest cabbage of marketable size, and universally acknowledged to be the best early cabbage in cultivation for early market; of good size; sure to head, and of fine quality. The seed we offer is very choice and will please. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.; lb. $2.50.

A POINTER. The report of the Ohio Experiment Station for 1885 says: "Early Etampes, Early Advance, Premier, J. & S's Earliest, L's Earliest, are quite early, but are unreliable, forming very few solid heads," and except the mixture found, they are all similar if not identical with Early Etampes, Early Jersey Wakefield is the only reliable very early cabbage.

Large Jersey Wakefield. New. A selection from above, a few days later, with very much larger heads, very solid, excellent quality, and reliable every way for a crop of superior second early cabbage. Try it. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.

Henderson's Early Summer. This superior cabbage is about double the size of Jersey Wakefield, and ten days later. Owing to its having short outer leaves, it can be planted closer than most sorts. The heads are not liable to burst; excellent for home use and profitable for market. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

Low's Peerless. This appears to be a very choice strain of the early Flat Dutch, as early as Early Summer, heads more uniform and larger, not liable to burst and sure to head in dry seasons; few outer leaves; can be planted close together; in every respect it is a most excellent cabbage; don't fail to try it. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

Henderson's Succession. This new variety we consider a valuable acquisition, and we offer it to our patrons believing that it will give the greatest satisfaction. The introducer says: "The Succession is about one week later than Early Summer, but is double the size and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. It is the best cabbage for either early or late use ever offered." It is a good one and we look for many orders. Pkt. 10c.; ½ oz. 30c.; oz. 50c.

Early Winningstadt. One of the best grown for early or late; heads pointed, very hard and solid. On this account, proof against the cabbage worms, so destructive to loose heading sorts; does well on light soils; of fine flavor, crisp and tender. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.; lb. $1.50.

All Seasons, *Gregory's.* A new second early variety about the same season as Early Summer, heads larger and very hard. If planted late it keeps well in winter, reliable to head and of excellent quality. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.

Surehead. A late variety of superior excellence for main crop, "originated by crossing the Flat Dutch and Drumhead varieties." Is sure to make large solid heads, of uniform size, with very few outer leaves; a very profitable market variety. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. $2.25.

Louisville Drumhead. A new variety that is fast gaining in popularity as a summer and winter cabbage. Following Early Summer, heads very large and solid, few outer leaves, stem short, resists heat and drouth to a remarkable degree, and stands a long time without bursting; a good one, try it. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.; lb. $2.50.

Excelsior Large Flat Dutch. A choice strain of the Premium Flat Dutch, highly esteemed for its large size, reliability to form solid heads, and fine quality, a good one for main crop, and an excellent keeper. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

Chase's Excelsior. A very choice strain of the Early Flat Dutch, remarkably uniform in type, and sure to head, one of the very best of its season. Highly recommended in the report of the Ohio Experiment Station. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.50.

Late American Drumhead. Heads very large, round, and compact; among the best for winter use, as it is a good keeper. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Berkshire Beauty. A Drumhead variety, heads large, round, solid, quite uniform in size and shape, and handsome. Good for late summer or winter. Pkt. 5c.; oz. 20c.

Premium Flat Dutch. A standard variety, and among the best for winter use, the old reliable. Our seed will be found as good as any at any price, or with any prefix to the name. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Marblehead Mammoth. The largest cabbage grown. It must have high cultivation to make it head well. Pkt. 5c.; oz. 20c.

Fottler's Improved Brunswick. An early drumhead of large size, stem small and short, sure to head, and stand a long time without bursting, an excellent fall and winter cabbage. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.75.

Early Etempes. The very earliest variety, heads pointed and small, not reliable for this climate. Pkt. 5c.; oz. 20c.

Savoy, Improved American Drumhead. The best of the Savoy family, and excellent flavor. Pkt. 5c.; oz. 20c.

Red Dutch. Best red variety for pickling, heads medium size, very hard. Pkt. 5c.; oz. 20c.

CARROT.—*Mohre.*

Ox Heart, *or Guerande.* This carrot grows to a good size, is of a rich orange color. The cut represents the form; can be harvested without any digging. If they are too thickly sown, they will crowd each other out like flat turnips, and by actual experiment have produced more than double the weight of roots of any other variety; making it by far the most profitable carrot to grow for stock, and it takes well in the market. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

New Chantenay. A new stump rooted variety from France, broad shouldered like the Ox Heart, but much longer. One of the most productive. Color deep scarlet, very smooth and attractive, of extra fine quality. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Saint Vallery. A new large variety, of a deep orange red color. Very smooth, 10 to 12 inches long. Very broad at the shoulder, tapering to a point, top very small. Excellent for table use, and profitable for field culture. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

Large White Vosges. This new variety has white skin and flesh; grows to a large size, very large, round and regularly tapering to a point. A valuable variety to grow for stock. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

Large White Belgian. Grows one-third above ground, and to very large size. Top green, under ground white; easily harvested; very productive; use, stock feeding. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

Danvers. In form between Long Orange and Short Horn, of a rich dark orange color. Very smooth and handsome, excellent for table use or market, and profitable as a field crop. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 7 c.; 5 lbs. $3.50.

Half Long Scarlet Stump Rooted. A very popular variety with market gardeners, fine form and color. Excellent for table use and productive. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Early Scarlet Short Horn. The earliest variety for market, and one of the best for table use. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Improved Long Orange. A standard late sort, on deep rich soil, a very valuable variety to grow for stock, of good flavor, and excellent keeper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c.; 5 lbs. $3.00.

Half Long Scarlet Carentan. An excellent carrot for table use, sweet and almost coreless, stump rooted, with very few small leaves, of deep orange color, well adapted for forcing. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Best Table Varieties Mixed, Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

CAULIFLOWER.—*Blumen Kohl.*

Extra Early Dwarf Erfurt. *Extra Selected.* The seed we now offer is second to none. It is large, plump, of superior vitality, and will produce strong plants. We have tested this strain along with all the popular varieties, and find it extremely early and the most sure to form large, pure white heads of exquisite quality. We unhesitatingly recommend this strain as being the best cauliflower that can be had *at any price* or *under any name*, equal, if not superior, to any offered at $4.00 per oz. or over. As we import this direct from the grower, we are enabled to offer it at a popular price. Pkt. 20c.; ¼ oz. 75c.; ½ oz. $1.30; oz. $2.50.

Henderson's Early Snowball. A very superior and popular variety. One of the earliest and most carefully selected strains of Dwarf Erfurt, producing large white heads of fine quality. Henderson's own sealed packets, 25c.; 5 for $1.00. Seed grown from Henderson's stock, Pkt. 20c.; ¼ oz. 75c.; ½ oz. $1.30; oz. $2.50.

Early Padilla. A sport from Henderson's Early Snowball. This is not quite as early as the Snowball, but very uniform in maturing and size of head; a carefully grown and excellent strain of early cauliflower. Pkt. 20c.; ¼ oz. 60c.; ½ oz. $1.15; oz. $2.00.

Extra Early Paris. A popular early variety with short stems, large leaves, heads good size, white and compact, fine quality. Pkt. 10c.; oz. 60c.

Lenormad's Short Stem. One of the best late varieties, producing very large, well formed heads of extra fine quality. Its leaves protect the close, solid curd, and keep it clean and white. Pkt. 10c.; ½ oz. 35c.; oz. 60c.

Large Late Algiers. An excellent late variety, sure to form large heads, very popular with market gardeners on Long Island. Pkt. 10c.; ½ oz. 40c.; oz. 75c.

CORN SALAD OR FETTICUS.

Acker Salat.

Large Round Leaved. The best variety. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

COLLARDS OR COLEWORT.

Blatter Kohl.

True Georgian or Creole. Excellent for greens, quite extensively grown in the south. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.

CELERY.—*Selerie.*

Dwarf Golden Heart. An entirely distinct variety of the best quality; when blanched the heart is of a waxy golden yellow; grows compact and very solid; an excellent keeper and of a fine nutty flavor. The most popular and extensively grown of any variety, in all the large celery growing centers. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; 1 lb. $2.00.

New Rose. This we grow for our own use in preference to any other variety. It combines all the qualities of a superior celery. The stalks, even if not blanched, are more crisp and tender than any other. Surpasses all in a delicate nutty flavor. The beautiful rose coloring of its stems and heart makes it very ornamental, and it is one of the best keepers of all. No order for seeds should be considered complete without including at least a packet of New Rose Celery. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Golden Self Blanching. This is decidedly an acquisition, and is fast growing in public favor. Its growth is compact, yet vigorous, ribs straight, solid, crisp and tender. The heart is very large, solid, of a rich golden yellow color and of a most delicious flavor, without banking up the outer ribs become a yellowish white color, as it approaches maturity, but will be more tender by having some earth brought up to them; unlike other self blanching kinds, this is an excellent keeper. The seed we offer is the true Golden Self Blanching Celery, even more self blanching than White Plume. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.25.

White Plume. This is a very early variety, and as it approaches full growth the stalks and leaves naturally turn white, yet it is improved in quality as much as any celery by banking up; of good flavor and fine appearance. An excellent early market sort. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

FORM CLUBS.

Neighbors, by clubbing together and buying our seeds and plants in quantity, will get the benefit of our Discounts, which is quite an item, besides making a great saving in Express and Freight charges. Although our prices are low, be assured that no one can furnish better seeds or plants, at any price, and there is twice the value of seed in our packets as found in many. We will send special inducements to anyone who will promise to spend a little time to get up a Club Order.

CELERY—Continued.

Giant Golden Heart. This variety has been produced by careful selection and high culture from the Dwarf Golden Heart; while all the fine qualities have been retained it has become a "Giant" in proportions, making it one of the best for the market gardener, and for family use it is most desirable on account of its fine flavor and rich color. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼ lb. $1.50.

Crawford's Half Dwarf, also called Henderson's Half Dwarf. Of very rich, nutty flavor; of intermediate growth, yet vigorous; very solid and compact; easily blanched; reliable and desirable in every way. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.80.

Sandringham Dwarf White. An excellent early variety of compact, dwarf habit; fine flavor; very desirable. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.80.

Boston Market. The well known standard sort; of fine flavor and an excellent keeper. Pkt. 5c.; oz. 20c.; ¼ lb. 50c ; lb. $1.80.

Old Celery Seed, used for flavoring soups pickles, &c. This is seed that too small percentage will germinate to sell for good seed. Oz. 5c.; ¼ lb. 15c.; lb. 40c.

CELERIAC.—(*Turnip Rooted Celery.*)

Knollen Selerie.

Large Erfurt. Roots turnip shaped. When cooked and sliced with vinegar, they make an excellent salad. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

New Apple Shaped. Roots large, round and smooth. Pkt. 5c.; oz. 20c.; ¼ lb. 45c.

CHICORY.—*Cichorien.*

Large Rooted. The roots, which are similar to the parsnip, when dried, roasted, and ground, make a good substitute for coffee. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

CORN, SWEET.—*Zucker Mais.*

If to go by mail add to price at the rate of 10 cents per quart.

FORD'S EARLY SWEET CORN.

We are the originators of this and was first offered by us seven years ago, and it is with no little degree of pride that we can say that it has proved decidedly the very best and sweetest early variety now known, and has given universal satisfaction. Every one who has tried it speaks of it in the highest terms. The ears are six to eight inches long, eight rowed, occasionally one with ten or twelve rows. Kernel very large and deep for an early corn. Grows about five feet high, with usually two ears on a stalk; it can be planted much thicker than most varieties. It is far superior to any other early corn in quality; several days earlier than Minnesota; more prolific, larger ear, deeper and larger grain, and very much sweeter. Some are planting this variety at intervals of a week or ten days through the season, preferring it to any of the late varieties. For *home use* it has no equal, on account of its earliness and excellent quality, and when dried it is remarkably sweet and tender. *Market Gardeners* will find it the most desirable and *profitable*, on account of its being the earliest *real* sweet corn, of good marketable size and very productive, very much better than Marblehead or Cory, and only two or three days later. Many private gardeners are now planting this at intervals for their family supply, and market gardeners for their main crop of early corn, as no other early kind can be sold in competition with it. We have a good supply of excellent seed and think we will be able to supply the demand this year, although we have not been able to for two years past. The reports of the Ohio Experiment Station show that Ford's Early was ready for use in 67 days. Height of stalk, 5 ft.; length of ear, 6 inches; *the best in quality of the very early sorts*, only two days later than *Cory* and *Marblehead; much superior in quality;* 10 days earlier than *Minnesota. Northern Pedigree* fit for use same time as Ford's Early, but not as good as *Marblehead.*

We have published hundreds of commendations of the good quality of this, in former years, and could now fill this Catalogue full, but as our old customers will want a good proportion of our seed, we rest with the following:

"Ford's Early Sweet Corn was first in the market in Alliance this season, which means in gardeners' parlance 'none better.' July 28 we marketed 100 dozen at 15 cents per dozen." J. D. RANDOLPH, Mt. Union, O., 12-4-'88.

"Your Ford's Early Corn is superior to any I ever raised." GEO. HARTZELL, Greenville, O.

"The package of Sweet Corn—Ford's Early—I had of you last year, proved to be excellent, and two ears on a stalk." MRS. ELIZA L. FOWLER, No. Sutton, N. H.

"You cannot speak too highly of your early corn. It is the very best I have ever grown." E. P. BRAINARD, Ravenna, Ohio.

Pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.25; bu. $4.50.

Pride of America, Earliest of All. This extreme early variety came from northern Vermont. After four years trial we find it decidedly the earliest corn we have ever grown. It is about a week earlier than Cory. The ears, with eight regular rows, are better formed and average longer. Kernel rather large; white or light brown when ripe. Stalks about five feet high, usually with two well formed ears each, making it very productive for an early sort. It is probably related to the Cory, Marblehead and Narragansett. Whether this is so or not, it is of much better quality, sweeter and earlier, and not liable to smut as those varieties are. We can assure our friends that this is the very best extreme early variety, especially for market. Although the quality is better than Cory, it is not equal to Ford's Early, but the crop can nearly all be sold before Ford's Early is ready, making it profitable for market and the best extreme early sort for home use.

"I must drop you a line in praise of your Pride of America Sweet Corn. I have tested it two years by the side of Cory, Ballard's and your own Early, and I find Pride of America at the head for earliness." L. M. AYERS, M. D., Urbana, O., 9-5-89.

"The Pride of America Sweet Corn fulfills all your claims. I planted some with Early Cory on same day and under same conditions, and the Pride of America was fully *ten days ahead.*" A. F. WHITRIGHT, Nova, O.

Pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.25; bu. $5.00.

Gold Coin. *New.* Sold only in small packets last season. And those who paid 20c. for 25 grains are highly pleased with the result. It is entirely distinct from any other variety. It grows from 7 to 8 feet tall and very stocky, bearing often three, usually two, immense ears, with pure white cob, closely set with large and very deep *golden grains*, which are remarkably sweet and tender, together with exeellent flavor. It remains fit for table use a long time after it is full grown. As near evergreen as a corn can be. Ripens about with Stowell's Evergreen. This combines *wonderful productiveness, superior quality,* and *unique beauty* in a most remarkable degree. On account of its large growth and great productiveness it must prove valuable for a fodder corn. Packet containing 1 oz. 10c.; ½ pt. 25c.; pt. 40c.; qt. 65c.

Sonyea. A new variety of especial merit, introduced last season. Stalks stout, seven or eight feet tall, frequently bearing three ears, usually two large handsome ears with sixteen rows. Kernel long, slender and white, exceedingly tender and sweet. A little later than Russell's Prolific, and about two weeks earlier than Stowell's Evergreen. A splendid variety for canning or main crop. From our experience with it we regard it as one of the best varieties. Pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.25.

WE PAY THE POSTAGE, And give discounts as per Our Popular Special Offer, page 4. On our LARGE PACKETS of PEAS, BEANS and CORN, containing two ounces or more, except novelties, while many put in but one ounce.

RUSSELL'S PROLIFIC SWEET CORN.

This is the very best second early sweet corn we have found, nearly as early as Minnesota, with ears twice as large; will come in right after Ford's Early; as early as Crosby's; earlier than Moore's Concord, and much better in quality than either, and ears larger, generally 12 rows, but sometimes 10 or 14 rows, and 8 to 10 inches long, and remarkably productive. For home use or market this will be found to be the very best of its season. MARKET MEN, this is just what you want for a second early corn, it cannot fail to please you and your customers. FARMERS, this you will find the most profitable corn you can grow to feed; it will produce more bushels of ears than any field corn, and fatten your hogs faster, and the fodder is worth double. Try it and be convinced. Pkt. 8c.; pt. 15c.; qt. 25c.; peck $1.25.

Ford's Improved Mammoth. For twenty years we have carefully selected our seed of this variety, till we now have a corn with only medium sized stalks, but large sized ears, and quite early; will follow Russell's Prolific, if planted at the same time; very deep kernel, excellent quality, ears 14 to 20 rowed, and usually two on a stalk if not planted too thick. A superior variety for market or home use; excellent for drying or canning, none better. Pkt. 8c.; pt. 12c.; qt. 20c.; pk. $1.

Egyptian, Washington Market. This is a very late variety, and must be planted early in this latitude to ripen its seed before frost, yet its most superb quality ought to give it a place in every garden. It is the sweetest corn we have, stalks grow large, and it should not be planted very thick. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00; bu. $3.25.

Potter's Excelsior, or Squantum. A very popular variety throughout the east; second early; highly prized for its remarkable sweetness, tenderness and wonderful productiveness. Claimed by many to be the best sweet corn grown. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Shaker's Early. A new variety. In good soil the stalks grow six feet high, with large ears, well filled to the tip; kernels large, of pearly whiteness and delicious flavor, season about the same as Minnesota, ears very much larger. Its earliness, productiveness and large size will make it a favorite with Market Gardeners. Pkt. 10c.; pt. 12c.; qt. 20c.; peck $1.00.

Evergreen. *Livingston's.* This has been carefully bred in one family for nearly 40 years; earlier than Stowell's; comes in after Russell's Prolific. Ears large, eight rowed, well filled, deep broad kernels and small cob; very sweet and tender. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Cory. A popular variety for early market. Some seedsmen consider this the acme of perfection in an early corn. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Marblehead. Similar to Cory, perhaps a little larger and later. Pkt. 8c; pt. 12c.; qt. 20c.; peck $1.00.

Stowell's Evergreen. One of the best known and most popular late varieties. Ears large, productive; remains fit for use a long time after it is full grown. Pkt. 8c.; pt. 10c.; qt. 18c.; peck 85c.; bu. $3.25.

Honey. A new and distinct variety. The leaves, husks and stalks are striped and shaded with bright red, grows 7 to 8 feet high, usually having two and often three well formed 10 or 12 rowed ears 8 to 10 inches in length, with very small cob and deep grain, of a creamy white color and *very sweet*. Nearly as early as Russell's Prolific. We offer it as a sort combining many desirable qualities. Try it. Pkt. 10c.; pt. 15c.; qt. 25c.; pk. $1.25.

Amber Cream. Medium early. Strong, vigorous grower; stalks seven feet; ears very long, usually 12 rowed, kernel deep, very tender, rich and sugary. White when fit for table use; amber color when dry. Pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.00.

Black Mexican. Kernels when ripe are black; generally conceded to be the sweetest corn in cultivation. Pkt. 8c.; pt. 12c.; qt. 20c

POP CORN.

If to go by mail add to the price at the rate of 15 Cents per quart.

Queen's Golden Pop Corn. A new variety of great excellence; stalks 6 feet with three to six large golden yellow ears each. It pops perfectly white, and often expands to an inch in diameter; remarkably tender and of a delicious taste. Pkt. 10c; pt. 20c.; qt. 35c.

Monarch White Rice. *The New Pop Corn.* This has been brought to its high standard by careful selection for a long time. It combines great productiveness, uniformity of type, tenderness, whiteness, sweetness, and greatest bulk after being popped. It bears from three to six ears to the stalk. We cannot too highly recommend this. Pkt. 10c.; pt. 20c.; qt. 35c.

White Rice Pop. Used for popping, and is the best of the older varieties; select seed. Pkt. 8c.; pt. 15c.; qt. 25c.

Silver Lace Pop. A new and excellent smooth white sort, with three to six long ears per stalk. Pkt. 8c.; pt. 15c.; qt. 25c.

Mapledale Prolific. A new variety from Iowa, of *wonderful productiveness*. A sworn statement published by the introducer shows that it has yielded 84 bushels of ears from half an acre, 17 ears with 8,000 kernels from one kernel of seed. Four good ears from a single joint, many of them 9 inches long. Another says, "10 stalks produced 121 ears." We have known of this corn for two years, but were unable to obtain seed in quantity to offer it last year. We are glad that we can now supply our patrons at a popular price. No order complete without at least one packet. Pkt. 10c.; pt. 20c.; qt. 35c.

FIELD AND ENSILAGE CORN.

See under the head of **Farm Seeds.**

CRESS.—*Kresse.*

Curled, or *Peppergrass.* Pkt. 5c ; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Water. Used as a salad; grown in wet places or borders of streams. Pkt. 10c.; ½ oz. 25c.; oz. 40c.

Upland Cress. This new vegetable has the same general characteristics as water cress, and in flavor identical. Is much easier to raise, as it is a hardy perennial, and will grow equally well on wet or dry land. In early Spring it is one of the first plants to make its appearance, grows very rapidly, and is soon ready to use. The young tender leaves can be eaten raw, the same as lettuce, or as a salad, and is greatly relished. Can also be boiled as greens. It is of easy culture. When once established, needs no after care. Of robust nature and unparalleled hardiness. Fifteen degrees below freezing will not change the color of its leaves, or damage it, and it can be used in the winter the same as kale. It is also claimed to have valuable medical qualities as a blood purifier. Pkt. 10c.

CUCUMBER.—*Gurke.*

Chicago Pickle. This excellent variety is extensively grown for the large pickling houses about Chicago, where it is preferred to any other sort. It is early, vines vigorous, short jointed, often setting two cucumbers to each joint, making it very productive; the cucumbers are of good uniform size and shape, dark green, crisp and tender. It is not only one of the very best for pickling, but fine for slicing. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Green Prolific, or Boston Pickling. One of the most productive and valuable varieties for pickling; medium, uniform size, dark green, tender and crisp. One of our customers sold $70 worth from 35 rods as a second crop; fine for slicing as well as pickling; the best green cucumber of the older sorts. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

PLEASE USE OUR ORDER SHEET AND ENVELOPE, and be particular to fill the blanks plainly, especially your Name, Postoffice and State, and keep the order for seeds separate from the order for plants.

Nichol's Medium Green. New. It is very prolific, of medium size, always straight and smooth, unequaled for pickling, and none better for slicing. Color dark green; flesh crisp and tender. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Burpee's White Pearl. A unique novelty. The beautiful fruit is pearly white in color, very solid, tender and crisp; a splendid variety for slicing, as well as very attractive for pickling in bottles. The vines are very vigorous and *immensely productive*, setting the cucumbers thickly close around the stem, and continues to run freely and bear through the season. A single plant has produced *fourteen cucumbers* within *twelve inches* of the stem. This will certainly be a favorite with market gardeners as well as private planters. We bespeak for this a ready sale. To be sold in packets only. Each 20c.; 3 pkts. 50c.

Thorburn's New Everbearing. The peculiar merit of this *novelty* is that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*, in wh ch respect it differs from all other sorts in cultivation. It is of small size, *very early, enormously productive*, and valuable as a green pickler. This is entirely new, and its everbearing habit is of great value. Sold by the packet only. Each 25c.; 5 pkts. $1.00.

Improved Early White Spine. The very best white spine cucumber grown, for forcing or planting out, either for slicing or for pickles. It is very early, of good size, always straight and smooth, skin deep green, never turns yellow, and is very prolific. Our seed will be found equal to any white spine cucumber, whether it is called Arlington, Peerless, or by any other name. Pkt. 5c.; oz. 8c.; ¼ lb. 20c.; lb. 60c.

Early Short Green, or Frame. An old popular early variety, excellent for small pickles. Pkt. 5c; oz. 8c.; ¼ lb. 20c.; lb. 60c.

Early Russian. The earliest variety. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Improved Long Green. We have a superior strain of the well known Long Green; is the most uniform, long, straight, smooth and handsome of any we have ever seen. Pkt. 5c.; oz. 10c.; ¼ lb. 20c ; lb. 75c.

West India Gherkin or Burr. A small prickly variety used exclusively for pickles. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.

Snake. A curiosity; sometimes grows six feet long, curled up like a snake. Pkt. 10c.

Giant Pera. A novelty of some merit; grows to large size, often 18 inches long. Pkt. 5c.; oz. 15c.

ENDIVE.—*Endivien.*

Green Curled. Very hardy, leaves dark green, tender and crisp. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.

Moss Curled. A beautiful curled variety, very ornamental and of fine quality. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.

EGG. (Vegetable.) *Eierpflanze.*

New York Improved. The leading market variety, flesh white and tender. Pkt. 5c.; ½ oz. 25c.; oz. 40c.

Black Pekin. This excellent variety is quite early, fruit jet black, round in form, and solid. Pkt. 5c.; ¼ oz. 25c.; oz. 40c.

Early Long Purple. Earlier than the round sorts, hardy and productive, of fine quality. Pkt. 5c.; ½ oz. 15c.; oz. 25c.

"The garden seeds I purchased of you last Spring were *true* to *name*, and I think they were as good, if not the best I ever planted and I can say the same of the seed potatoes."

JOSEPH HEIGHTON, Kent, Ohio, 1-1-89.

GOURDS.

Japanese Nest Egg. Very ornamental and useful for nest eggs. Pkt. 10c.; 3 pkts. 25c.

Sugar Trough. These grow to hold several gallons; useful for many purposes. Pkt. 10c.; oz. 25c.

Dish Cloth. Grows 2 feet in length. The lining and inner portion is sponge-like, tough and elastic, and is used for dish cloths. Pkt. 10c.

Dipper. Very useful for many purposes, holding about a quart, with a long handle. Pkt. 10c.

KOHL RABI.—*Kohlrabi.*

Early White Vienna. Flesh white and tender (before full grown), excellent for table use; the best market variety. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.

Early Purple Vienna. Except in color, which is of a bluish purple, does not differ from the white. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Large Green or White Giant. Grows to weigh eight or ten pounds, excellent for feeding stock. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

LEEK.—*Lauch.*

London Flag. An excellent, long growing variety. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

Musselburg. Grows to a very large size, and of excellent quality. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.

LETTUCE.—*Lattich Salat.*

Golden Heart. New. This forms firm, solid heads, of very large size. It grows quickly, is ready for use early and remains in excellent condition for weeks; it does not wilt under severe heat, not excelled for summer use by any cabbage lettuce; outer leaves dark green, the heart a rich golden yellow. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Tomhannock. New. A variety that grows very quick, with large, upright leaves; inside leaves pale green, almost white; very crisp and tender, remains a long time before going to seed. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.

Stonehead Golden Yellow. A new German variety. Very early, with large solid heads; of excellent quality, considered one of the best forcing sorts. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Silver Ball. New. The heads are of a silvery white color, very firm, rich and of most delicious flavor; outer leaves nicely curled, is slow to go to seed, excellent for spring or summer use. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Burpee's Hard Head. A very beautiful lettuce, the outer leaves tinged with brownish red, changing toward the center of the head from golden yellow to a creamy white, very tender, never bitter, of a sweet, buttery flavor, surpassing in quality all other cabbage varieties.; Pkt. 5c.; ½ oz. 10c.; oz. 20c.

New Buttercup. A new cabbage lettuce from Germany; very early, forming large solid heads with bright citron colored foliage; valuable as a forcing or out-door lettuce. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.

Oak Leaved Lettuce. New. A characteristic of this new lettuce is its oak-shaped leaves. The outside leaves are of a light green color, inside leaves whitish. It forms quite a compact head, with leaves free from coarse woody veins; very tender, of fine flavor, and remarkably free from any bitterness; it remains a long time in good eating condition, as it is very slow in sending up its seed stalk. This is not only a fine variety for table use, but it is very ornamental. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

POSTAGE. Except on PACKETS and OUNCES of seed our prices DO NOT INCLUDE POSTAGE. Add to the price, if to go by mail, 8 cents per pound, 15 cents per quart, 8 cents per pint on Peas, Beans and Field Corn. Ten cents per quart, 6 cents per pint on Sweet Corn.

Brown Dutch. An old, very hardy variety, leaves large, green, tinged with brown, forms large, solid heads; very tender and good flavor. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Henderson's New York. A very superior summer cabbage lettuce, remains a long time without going to seed; heads very large, often weighing three or more pounds; solid, crisp, tender, of excellent flavor, and free from bitterness One of the best in our trial grounds last season. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Yellow Seeded Butter. A valuable variety for late spring or summer planting, as it will stand the heat better than most sorts, and is slow to go to seed. Its large, solid, yellow heads are very crisp and tender and of excellent flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Improved Hanson. An excellent sort with green heads and white heart; large size, sweet, crisp and tender. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lh. $1.10.

Early Prize Head. Grows to a large size, even the outer leaves are crisp; is slow to go to seed and of fine flavor. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Black Seeded Simpson or Perpetual. This does not form a head, but a compact mass of leaves, which are tender and of excellent quality, and of rapid growth, early, stands heat well; one of the very best for out-door growth, and good for foreing. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Early Tennis Ball or Boston Market. *Black Seeded.* Forms a close, hard head; a favorite forcing variety. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Satisfaction. *Black Seeded.* Is what its name implies; a good one. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Deacon Hine. Small, quite solid heads, thick, dark green leaves; very crisp and tender. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

MARTYNIA.

The seed pods make fine pickles when used while green and teuder. Pkt. 5c; oz. 30c.

MUSKMELON.—*Zucker Melone.*

Osage. A new variety of superior excellence. Skin dark green, much netted on the upper side, with rich orange color where it lies on the ground; egg shape, medium size, and very uniform; flesh very thick, golden color, melting and exquisite flavor nearly to the skin. One of the most popular in Chicago market. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

The Princess. "*Of handsome appearance, wonderful weight and thick flesh,* which is of a rich salmon color, *sweet and luscious.* Form nearly round, with heavily netted dark green skin. Vines vigorous and prolific. They ripen early, good size, often weighing eight or ten pounds. Pkt. 5c.; oz. 20c.; ¼ lh. 50c.

Extra Early Hackensack. *New.* An improved strain of the popular Hackensack, being about two weeks earlier and retaining all of its former excellence, making it a very valuable sort for market or home use; large size, deeply ribbed, nearly round, flattened at the ends; skin and flesh green and of delicious flavor. Pkt. 5c.; oz. 10c.; ¼ lh. 30c.; lb. $1.00.

Emerald Gem. New, extremely early, skin smooth, surface ribbed, color deep emerald green, very thick flesh, and ripens thoroughly to the very thin green rind. "The flavor is sweet and luscious beyond description." The vines are hardy and thritfy, and very prolific. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Champion Market. New and quite distinct globe shape, deep ribs, heavily netted, uniform in size and weight (about 4 to 5 pounds), brings the highest price in market, a good shipper, vines vigorous and very prolific. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb, $1.00.

Miller's Cream Nutmeg. A new variety of remarkably strong growth, and very productive, about the size of Golden Gem. The flesh is of a rich salmon color, very thick, sweet and melting in quality. The rind is very thin, slightly sutured and finely netted. Pkt. 5c.; oz 10c.; ¼ lb. 25c.

Baltimore, or Acme. A very productive large size, oblong melon, flesh green and very thick, of the most delicious flavor, a good shipper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Montreal Nutmeg. This grows to a very large size, nearly round, flattened at the ends, deeply ribbed, skin green and finely netted, flesh very thick, light green, melting and of a delicious flavor, a popular market sort. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Netted Gem. *Golden Gem. Golden Jenny.* Very early and prolific, quite uniform in size and shape, weighing from 1¼ to 2 pounds; skin green, thickly netted, flesh very thick, of a light green color, of very superior quality, rich and sugary. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Bird Cantaloupe. Flesh light green, very thick, and of very fine quality; extra early, and very large size; have been grown to weigh 22 pounds. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.

Surprise. An excellent, spicy flavored melon, of medium size and quite early; skin thin, cream colored, flesh thick, salmon colored, form round. Pkt. 5s.; oz. 10c.; ¼ lh. 20c.; lb. 75c.

Bay View. Large, oval, green fleshed, of the finest quality, and very productive. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

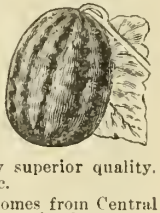
Casaba, *or Green Persian.* A large, oblong melon, somewhat pointed at both ends, of good and fine flavor. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Japan Coral Flesh. A new variety, form round, flesh thick, of a coral color, excellent quality. Pkt. 5c.; oz. 10c.; ¼ lh. 20c.

Banana. A curiosity, growing 18 to 24 inches long, weighing 8 or 10 pounds; skin smooth, light yellow, rind thin, thick salmon colored flesh, generally considered of poor quality. Pkt. 5c.; oz. 10c.

Chicago Market. The most popular green fleshed variety in Chicago. Very early, large, uniform in size, 10 to 12 inches in diameter; thickly netted skin; small seed cavity; most excellent flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

MELON. (Water.) *Wasser Melone.*



Cuban Queen. An excellent melon of the largest size, flesh bright red, very solid and sweet; a good keeper and shipper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Kolb's Gem. This new melon is not excelled in *Productiveness,* keeping and shipping qualities, rind thin but very tough, flesh bright red, and very superior quality. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lh. 75c.

Triumph of Asia. This comes from Central Asia. In shape they are a round oval, rind hard grow to weigh 8 to 16 pounds; seeds very small, similar to those of an apple; flesh is bright red, beautifully marked with orange color, fine grained and of a delicious sweetness. It is hardier, and two or three weeks earlier, than our Americau melons. Sold by the packet only. 10c. each.

Green and Gold. *Henderson's.* Introducer's description. "The melons are of good size, ranging from 25 to 45 lbs. in weight. It is the largest early variety, and its productiveness equals any of the red fleshed sorts. While *in delicious flavor surpasses them all,* the rind is the thinnest of any melon we have ever seen. The flesh is a beautiful golden orange color, free from any other color. Besides its fine quality, it is a desirable ornament to the table." Pkt. 5c.; oz. 15c.; ¼ lh. 35c.

"I sent to you last year for seeds and was so well pleased, I am induced to send again. Ford's Early Sweet Corn I have recommended highly."

MARGARET L. HARRISON, Mt. Pleasant, O.

PRICES. As we go to press without knowing the quotations of others, and although we are confident that our prices will average low, yet should our prices of ANYTHING be found too high, we are ready to meet all HONORABLE COMPETITION.

Burpee's White Gem. A new and distinct variety from China, indeed a *Gem* both in its unique, *handsome appearance* and *delicious quality*. The flesh is a rich bright pink, crisp, melting, very juicy and deliciously sweet in flavor; good judges have called it the *acme of perfection*. The melons are globe shape, weighing 15 to 20 lbs., of a beautiful cream white color, when ripe, faintly striped with light green. The skin is so extremely tough that, with a rind only a half inch thick, a melon fully ripe will support a man without cracking the flesh. Every one should have a packet of this. Sold in sealed packets. Pkt. 15c.; 2 pkts. 25c.

Fordhook Early. *New.* Now first offered. The originator, Mr. Frame, of Delaware, says: "This new melon has been grown side by side with all other early sorts and has proven itself to be the earliest of all." It is not only the earliest, but of fine quality and large size, averaging the past unfavorable season *thirty-five pounds each*. Planted May 10th, large ripe melons were picked the last week in July. The rind is tough, making it valuable for shipping. Color uniform medium green, form nearly round, seeds white, flesh bright red and very sweet, with large solid heart. Sold by the packet only. 15c. each; 2 for 25c.

The Gragg. New. Now first offered, although it has been tested in the North, South, and West without a single unfavorable report, but has called forth the highest praise for its unexcelled quality, new and distinct appearance, earliness, hardiness, and great productiveness. It is very juicy, sweet and melting, equalling, if not excelling, the Ice Cream, and being at least two weeks earlier. The color is dark green, with alternate stripes of lighter green, the whole covered with a delicate tracing of dark veins, giving it a unique appearance not before seen or easy to describe. The flesh is of a delicate salmon tint, which is exceedingly handsome, with a peculiarly rich and luscious flavor. Sold this season by the packet only. Pkt. 15c.; 2 pkts. 25c.; 10 pkts. $1.00.

Seminole. New. Introduced in 1889. *Extra early, very large, enormously productive* and of most *delicious flavor*. The melons are oblong in shape and beautifully proportioned, and are of two colors, gray and light green, both found on the same vine, and both of the same size, shape, color of seed and flavor; a good one. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.

Sibley's Triumph. New. Very early, productive, and of the best quality, rind thin, very tough, dark green, marbled with light green, form oblong, smooth and handsome. Flesh brilliant red, crisp, sweet and melting. We can highly recommend this; we have never grown a better one. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.

The Delaware. New. Introduced in 1889, Resembles the Iron Clad in general appearance, but much larger, superior flavor, and *ten days earlier*. Skin beautifully striped light and dark green, rind thin and extremely tough. The flesh is a brilliant red, very solid, luscious and sugary, a good shipper, and has been kept until Christmas in good condition. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

The Volga. This new melon is from Russia. In productiveness it surpasses most sorts; in form nearly globular, medium size, skin very pale green, nearly white, with faint stripes very solid and hard, rind thin, flesh red, remarkably crisp, and very sweet, rich and delicate. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.

Jordan's Gray Monarch. Said to be the largest of all melons. The outside skin is a mottled gray color, flesh bright crimson and of sweet, delicious flavor; grows very long; a fine shipper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Hungarian Honey. A new melon. Surpassingly sweet and luscious, of a very rich honey flavor. The flesh is a brilliant red up to within a fourth of an inch of the rind, completely melting in the mouth; ripens early, nearly globe shape; color of skin medium dark green with markings of darker green, weigh about ten pounds, and are uniform in color, size and shape. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Pride of Georgia. Another new melon of a dark mottled green color, nearly oval in form, grows to a large size, a good shipper; very crisp and sweet. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Johnson's Christmas. New. a long keeping variety; keeps in good condition until Christmas and New Year's; rind quite thin but very tough; flesh rich scarlet, very solid and f a delicious sugary flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Florida Favorite. This new melon is of medium size, oblong shape, skin green with lighter stripes blended, flesh light crimson and very sweet. A superior table melon, but will not ship long distances, as the rind is too thin and crisp. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

The "Boss." A very productive, medium sized, oblong, *early* melon; skin dark green, flesh deep scarlet, very sweet and excellent. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Mango Melon, also called *Vegetable Orange* and *Vine Peach*. A very handsome and attractive fruit that grows on a vine like a musk melon, and requires the same cultivation. The fruit is the size and color of a medium orange, either round or slightly oblong. When ripe the fruit falls from the vine; then the flesh is very firm and has but little flavor; they soon become mellow and have a rich flavor; the seed cavity is very small, and when peeled and the seeds taken they considerably resemble peaches. They are wonderfully prolific, the ground being fairly covered with the bright golden fruit. Use: ornaments, pickles, preserves, and liked by some raw, with sugar and cream. Pkt. 10c.; ½ oz. 15c.; oz. 25c.

Mammoth Iron Clad. Very large size, often weighing 75 pounds or more; remarkably prolific, flesh very red and solid, and of a delicious rich flavor, a long keeper, thin, tough, hard rind, a valuable shipping variety. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Peerless. *Ice Cream.* An excellent one for home use, medium size, oblong, light green skin, with very sweet, melting, delicious flavored crimson flesh, seeds white. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Odella. *Early California. Very early,* oval or round, light green color, an excellent shipper, good quality. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Colorado Preserving Melon. This is quite distinct from the ordinary citron, is of larger size and more productive. The flesh is firm and solid, with but few seeds, and makes preserves of the finest flavor, clear and nearly transparent. Pkt. 5c.; oz. 10c; ¼ lb. 35c.; lb. $1.00.

Black Spanish. Large size, almost round, skin very dark green, flesh red and of a superior flavor, seeds black. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

"The seeds I got from you last year gave good satisfaction and your prices range lower than most of the other seed houses I have dealt with. Hope our dealings this year will be as satisfactory as in the past." 1-28-1888." (When he gave his order next year, he says:) "The seeds from you last year gave good satisfaction, especially the Onions."

GEO BEATY, Placer, Montana, 2-8-89.

MUSTARD.—*Senf.*

White. Grown for salads. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 30c.

Brown or Black. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 30c.

New Chinese. Leaves twice the size of the white, more succulent, flavor sweet and pungent; excellent for greens or salad. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.

NASTURTIUM.—*Indian Cress.*

Tall Varieties. The seeds, while young, are used for pickles, also highly ornamental as a flowering plant. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Dwarf Varieties. Beautiful colored flowers. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

OKRA.—*Essbarer Hibiscus.*

Dwarf Green. *Improved.* The pods, when young, are used in soups and stews, which are called Gumbo. The dwarf is best for northern latitude. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Long Green. A tall, late variety. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

White Velvet. A new variety. The plants comparatively dwarf, pods extra large and abundant, pronounced the best of all. Pkt. 5c.; oz. 10c.; ¼ lb 2 c.

FORD'S SOUND ONION SEED.

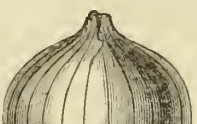
The selection of onion seed often decides the amount of profit or loss (and quite often the loss) on the onion crop. More depends on the good quality of the seed than for any other crop, except it may be on the cabbage and pea crop. Well knowing this fact, we are *extremely careful* to have the very best seed that can be had, and second to none at any price. We receive the highest commendations from all quarters, of the superior quality of our onion seed.

"I was well pleased with your seed last year, *especially onions.*" JAS. H. JONES, Luddington, Mich.

"All the seed you sent me last year proved to be sound, and their product excellent. The onions *beat all.* Nobody had ever seen such a crop before. Received the first and second premium on two samples at our fair. One, of the selected best, the other the product of four feet of row, large and small, strung in a bunch, weighed just 10 lbs. The bunch weighed 9¼ lbs. this spring. Planted 18 inches apart, 9 lbs. to 4 feet of row, would make 1146 bushels per acre. Had I not gathered and weighed them it would have been hard for me to believe such a quantity could grow on such a space. The whole crop was a marvel to myself and every one who saw them." REV. JACOB DAVIS, Rowe, Mass.

We have a good stock of plump, heavy seed of all the leading varieties, on which we make our usual popular prices.

BEST AMERICAN ONIONS.



Yellow Globe Danvers. *True,* not the flat variety sold for *Yellow Danvers,* but the best straiu and most profitable to grow, nearly globe shape, with very small neck, flesh white, comparatively mild in flavor, ripens early, very productive, keeps well, considered the best and most profitable market sort; our seed is very plump, extra choice, none better. Pkt. 5c.; oz. 12c ; ¼ lb. 35c.; lb. $1.25.

Round Yellow Danvers. This differs from the Globe Danvers by being considerably flattened. It is, however, a very excellent variety, ripens early and is remarkably productive. Large quantities of sets are grown of this variety. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Large Red Wethersfield. One of the most popular and productive standard varieties. Large size, quite flat, skin purplish red, one of the very best keepers, a profitable market onion. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.40.

Extra Early Red. A medium sized, flat, close grained, mild flavored onion. Ripens ten days earlier than Large Wethersfield, productive and a good keeper; especially desirable for short, cold seasons. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.40.

Southport White Globe. A large, handsome globular onion, of mild flavor, a good keeper, clear white skin, commands the highest price in market. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Southport Red Globe. Very similar to the White Globe except in color. Pkt. 5c.; oz. 20c.; ¼ lb. 60c ; lb. $2.00.

Southport Yellow Globe. Like the White Globe, except the skin is straw colored. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Yellow Dutch, or Strasburg. Bulbs quite flat, large size, skin yellow, flesh white, of mild flavor and an excellent keeper; one of the best varieties for growing sets. Pkt. 5c.; oz. 12c.; ¼ lb. 35c.; lb. $1 25.

Silver Skin or White Portugal. *Best American Seed.* Very early, mild flavored, esteemed for pickling; white sets are largely grown from this variety; it will produce fine onions the first year from seed. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. $2.25.

BEST FOREIGN ONIONS.

While we supply our patrons with as good seed as any one can, of the European varieties, we wish to say that it seems impossible to procure seed that is as reliable for purity as our American grown seed, as it usually shows some mixture.

Spanish King. This is a splendid type of the large beautiful onions imported from Spain and sold by grocers everywhere. It is nearly globular in form, skin of a rich yellow, flesh white, mild and tender. It grows to very large size, often weighing 3 lbs. and over, eclipsing the Silver King, Giant Rocca, and Tripoli in size and beauty. Every order should include at least a packet of this. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Extra Early Barletta. New. This is the very earliest onion in cultivation, two or three weeks earlier than the *Early White Queen.* They are of a pure paper white color, from one to one and a half inches in diameter. Its very mild and delicate flavor, combined with extreme earliness, will make it a favorite. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Extra Early Pearl or Silver White Etna. A flat pearly white onion of unusual mildness, of rapid growth, attaining marketable size in less time than any other onion known. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.50.

Mammoth Silver King, or Giant White Garganus. A very large and attractive onion, growing to weigh 2 or 3 lbs.; quite early, uniform in size, skin silvery white, flesh snow white and of a very peculiarly mild and pleasant flavor. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

Mammoth Red Pompeii. This is the very largest onion known, having been grown to weigh from 4½ to 5½ lbs. each; skin is very thin, of a handsome brownish red color, flesh pure white and of excellent mild flavor. Pkt. 10c.; oz. 20c.; ¼ lb. 60c.

Giant White Italian Tripoli. (*El Paso or Giant Mexican*). Very large, beautiful form, fine white skin, quick growth and mild flavor. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.

Giant Red Italian Tripoli. (*Bermuda Red*) Similar to the above except in color, Pkt. 5c.; oz. 20c.; ¼ lb. 50c.

Queen. (*New Queen. Earliest White Queen.*) The earliest onion in cultivation except Early Barletta, of very mild flavor, a remarkable keeper. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

Giant Rocca, of Naples. The best of the Rocca onions; of mild, delicate flavor, globe form, handsome brownish red color. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Look Here. We shall put up large packets containing all the varieties of Italian onions above named. A rare opportunity to get onions for exhibition at little cost. Pkts. 10c. each.

NEW WHITE TOP ONION.

This is the **sweetest** and **mildest flavored** of all onions, not excepting any of the foreign varieties. The growth is the same as the Old Top Onion that nearly all are familiar with, producing a bunch of sets on top of the seed stalk. It differs, however, in being **very white** and of **globe shape.** In many specimens the perpendicular diameter is greater than the horizontal diameter, giving them a fine and attractive form. But its most important difference is in its **exquisite sweetness, mildness of flavor** and **earliness.** Bulbs medium size and very handsome. Stock quite limited: order early. We were obliged to decline orders last year and may have to this. Sets per ½ pt. 10c.; pt. 18c.; qt. 30c. If to go by mail add at the rate of 12c. per quart.

ONION SETS.

Prices Subject to Market Changes, per Bushel at Market Price. Add 12 cents per quart if to go by mail.

White Onion Sets. Qt. 25c.; pk. $1.50.

Yellow Onion Sets. Qt. 20c.; pk. $1.00.

Top Onion Sets. Qt. 20c.; pk. $1.25.

Potato Onion Sets. Qt. 20c.; pk. $1.25.

Perennial Onion Sets. Pt. 15c.; qt. 25c. pk. $1.25. This is also called **Egyptian Tree Onion** and **Winter Onion;** when once set out it will grow for years without care, except to keep down the weeds. It starts early in the spring, and is ready for use a long time before other sorts, mild flavored, sweet and tender; they form no large bulbs, but as many as 15 or 20 small onions grow in a bunch; the sets grow on top like the tree onions; they are desirable for family use, and are very profitable for early market.

PEAS.—*Erbse.*

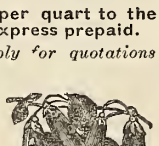
If there is one thing in connection with our seed business that we take more pride in than another, it is in knowing that the peas we have supplied our customers in the past have given universal satisfaction, and no effort will be spared to furnish our patrons with the very best in the future.

Our present stock is all northern grown, and it has been selected with the utmost care, not only to have them pure and true to name, and of good quality, but to have the very best strains of each variety, and they cannot fail to please the most critical. "Poor seed are dear at any price, while good seed are cheap at any reasonable price," especially applies to selection of seed peas by the planter.

We pay the postage and give discounts as per our Popular Special Offer, page 4, on our large packets of Peas, Beans and Corn containing two ounces or more, except novelties, while many put in but one ounce.

Add 8 cts. per pint, 15 cts. per quart to the price if to be sent by Mail or Express prepaid.

MARKET GARDENERS *should apply for quotations when larger quantities are wanted.*



New Dominion. This *New Extra Early Blue Pea* has proved one of superior excellence, not only for market, but for early home use. We have grown it fit for use in 40 days from planting. Vines stout, about 2 feet high, well filled with large dark green pods, that hold their color a long time. Peas smooth, tender and sweeter than any of the white sorts. Very uniform in ripening. A large proportion of the crop can be picked at the first picking. It combines all the best qualities for an early market pea. *Extreme Earliness, Great Productiveness, and Excellent Quality.* We are sure this will not disappoint any one who plants it. Large pkt. 8c.; pt. 12c.; qt. 20c.; pk. $1.10; bu. $4.00.

Quantity, *Burpee's.* An excellent new pea of American origin, introduced in 1888. It grows 2½ feet high, of very stout branching growth, crowded with large, long pods containing 8 or 9 large peas. Planted May 2d, the peas are ready for use July 5th, and continue a long time in bearing. It is not only very prolific but of good quality. Try it. Large pkt. 10c.; pt. 25c.; qt. 40c.; pk. $2.50.

Quality, *Burpee's.* Another superior new pea, similar to the Quantity Pea, in growth branching habit, height of vine, size of pods. It is however a week earlier, and the peas are of the very best quality. "The peas are of very fine flavor, being *peculiarly sweet and sugary.*" "All who tested them pronounce them the sweetest and most exquisite flavor of all peas." Large pkt. 10c.; pt. 25c.; qt. 40c.; peck $2.50.

Alaska. This *New Blue Pea* has no superior for early market. Its extreme earliness, fine quality and abundant yield make it especially profitable for the market gardener, and is excellent for home use. We have grown it fit to use in 40 days from planting. Vine about two feet, well filled with pods, that nearly all mature at once. This pea is giving excellent satisfaction to all who plant it. Large pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.10.; bu. $4.00.

Telephone. A superior tall growing variety of immeuse productiveness, pods large with six or seven large peas, of the most delicious flavor. They combine all the essential qualities of the first-class pea. Do not fail to try it. Large pkt. 10c.; pt. 18c.; qt. 30c.; pk. $2.

Pride of the Market. A deservedly popular, strong growing variety. Height 18 to 24 inches, loaded with large long pods well filled with very large, exquisitely flavored peas. This combines wonderful productiveness and superb quality. Large pkt. 10c.; pt. 18c.; qt. 30c.; peck $2.00.

First and Best. This is our standard *Extra Early Pea:* and MARKET GARDENERS' favorite; Vine vigorous; 20 to 24 inches in height; pods long and well filled and very productive. Peas of good size and of fine quality, second to none in early maturity, nearly the whole crop can be taken at two pickings. Our stock was grown in one of the most favored localities in Canada, for the production of first-class seed, and is one of the very best strains (none better, few as good) of the class of peas called "First and Best," "First of All," "First in the Market," "Hancock," "Maud S," and "Extra Early," "Early Philadelphia," "Earliest of All," and "Extra Early Reliance," with their various prefixes, all of the same origin.

Tests made at the Ohio Experiment Station show that all these different names "*may be ranked as Synonyms.*" and that there is but little difference "in time of riponing, height of plant and productiveness." Some, however, show greater uniformity in time of maturity than others," and one of the five named, "that appear to have been *grown with the greatest care,*" is the strain that we offer you, that has given unbounded satisfaction to our patrons and increased our sales year by year. Large pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.10; bu. $4.00.

Rural New Yorker. This is a very select strain of the Extra Early pea, brought to a high state of perfection by careful selection for many years, a trifle later than First and Best, pods longer, peas larger, slightly dented and of excellent quality, very productive, one of the best of its season. Large pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.10; bu. $4.00.

American Wonder. Grows 10 to 12 inches high, very large pods and peas, and of the finest flavor, and one of the earliest wrinkled peas in cultivation, and very prolific, a good one every way. Large pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.75; bu. $6.50.

McLean's Little Gem. Grows 12 to 15 inches high, though it begins to be fit for use as early as the preceding, the bulk of the crop is later. An excellent green wrinkled pea, yielding more than any other dwarf variety and of the best flavor. Large pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.50; bu. $5.50.

"I got seed of you last season and was well pleased with them; gave good satisfaction."
J. C. WRIGHT, Wright, Iowa, 2-25-89.

TEN PER CENT. DISCOUNT On all Orders amounting to $20 and Over, and FIVE PER CENT. Discount on all Orders from $10 to $20, for all Varieties of Stock BILLED AT REGULAR LIST PRICES, Except Potatoes by the Barrel, and Seeds in Packets, at OUR POPULAR SPECIAL OFFER RATE, page 4. Strictly Cash with Order.

Horsford's Market Garden. Follows Bliss' Abundance in time of ripening. Grows 1½ to 2 feet high, very stocky, needs no bushing, no variety exceeds it in productiveness, requires but a small amount of seed, as it is of a very bushy habit, pods grow in pairs, each containing four to six peas of the very largest size and of most excellent flavor, no better pea of its season. Large pkt. 10c.; pt. 15c.; qt. 25c.; pk. $1.75.

Bliss' Everbearing. Grows from 1½ to 2 feet high, of branching habit, pods three to four inches long, containing six to eight of the very largest peas, of peculiarly rich flavor, unsurpassed in quality, and very productive, continuing a long time in bearing. Large pkt. 10c.; pt. 15c.; qt. 25c.; pk. $1.50; bu. $5.50.

Stratagem. (*Carter's*). In this comparatively new pea center all the qualities that go to make up a first class late pea. Enormous productiveness, none more prolific, immense pods filled with very large blue wrinkled peas of the very best quality. Vines branching. Very stout, 20 to 24 inches high, needing no support. Every one of our patrons should try this. Large pkt. 10c.; pt. 18c.; qt. 30c.; peck $2.00.

Champion of England. One of the very best in every respect of the older late varieties, in fact it may be called the standard of excellence. Height 4 to 5 feet, peas green, wrinkled and very large. Large pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.25; bu. $4.50.

Bliss' Abundance. This superb pea ripens after American Wonder, a half dwarf, about 15 or 18 inches high, remarkable for its branching habit, forming large bushes which are literally loaded with long pods containing six or eight large wrinkled peas of the very best quality; one of the most productive of all peas, and the best of its season. Whole crop matures almost at once. Large pkt. 10c.; pt. 15c.; qt. 25c.; pk. $1.50; bu. $5.50.

Blue Beauty. A variety of recent introduction of unusual merit, *a beauty indeed*. Vines remarkably uniform, about 15 inches high, literally loaded with medium sized pods filled with blue round peas of excellent quality and flavor. One of the earliest of the dwarf peas, a superior variety, either for market or home use. Large pkt. 10c.; pt. 20c.; qt. 35c.; peck $2.25.

Dwarf White Marrowfat. This new pea is of a *distinct type*. It reaches maturity two weeks earlier than the tall Marrowfats, the vines are only 18 to 20 inches high, vigorous and wonderfully productive, the pods are long, large and *borne on the top of the vines*, and compactly filled with five or six handsome, large, green, indented peas of delicious flavor. This is a decided acquisition, and one that is meeting with public favor. Large pkt. 8c.; pt. 10c.; qt. 15c.; peck 75c.; bu. $2.75.

Black Eye Marrowfat. An old and popular pea, extensively grown for market. Grows three to four feet high; pods very large and full, yielding immense crops. One of the most profitable. Our stock is very extra fine. Large pkt. 8c.; qt. 15c.; pk. 60c.; bu. $2.25.

Yorkshire Hero. A late half dwarf, wrinkled Marrow pea of very large size, great productiveness and most excellent quality. This is a good one of its season. Large pkt. 8c.; pt. 12c.; qt. 20c.; pk. $1.25; bu. $4.50.

Blue Peter, or Blue Tom Thumb. A good bearer, very dwarf, but stout grower, peas blue, and of excellent flavor, may be planted close; a fine garden sort. Large pkt. 8c.; pt. 12c.; qt. 20c.; peck $1.25.

PEPPER. *Pfeffer.*

Celestial. This is not only useful, but one of the most beautiful plants. The plant branches out in every direction; the peppers are borne on the ends of the branches, of pear shape, about three inches long; at first they are of a delicate creamy yellow, changing when full grown to a vivid scarlet, making a plant loaded with fruit of different bright colors, an object of great beauty and oddity, an ornament to the flower garden. The peppers are good for all uses. Pkt. 10c.; ½ oz. 25c.; oz. 40c.

Ruby King. An excellent, very mild flavored variety, which grows to a very large size, often 5 or 6 inches long and 3 or 4 inches thick, of a bright ruby red color when ripe, fine for Mangoes. Plants are stocky and very prolific. Pkt. 5c; ½ oz. 15c.; oz. 25c.; ¼ lb. 90c.

Mammoth Golden Queen. New. In color a bright golden yellow, of uniform very large size, a third larger than Ruby King, of perfect shape, very productive, and of the mildest flavor, sometimes 7 or 8 inches long, and 3 or 4 inches broad. A good one. Pkt. 10c.; ½ oz. 25c.; oz. 40c.

Procopps Giant. The Goliath of the pepper family, of a brilliant scarlet color, uniformly very large, 8 or 9 inches long, flesh ½ inch thick and of a mild flavor. Pkt. 10c.; ½ oz. 25c.; oz. 40c.

New Sweet Spanish. This is so mild and sweet that it is used in Spain as we use tomatoes, either for cooking, canning, or eating raw. Of a bright coral red when ripe, and 4 or 5 inches in length. Pkt. 5c.; ½ oz. 15c.; oz. 25c.

Sweet Mountain or Mammoth. Grows to a very large size, often 6 or 7 inches long and 3 or 4 inches thick, remarkably mild and sweet, excellent for stuffed pickles or mangoes. Pkt. 5c.; ½ oz. 15c.; oz. 25c.

Golden Dawn. A very early variety of excellent mild flavor, golden yellow color and large size; very productive and of beautiful appearance. Pkt. 5c.; ½ oz 15c.; oz. 25c.

Dwarf Early Red Squash. *New.* A decided improvement on the old Squash Pepper, being dwarfer in growth, very much earlier, milder in flavor, smoother, and of much thicker flesh than any of the old kinds. Its earliness, together with its thickness of flesh, will commend it to pepper growers. Pkt. 5c.; ½ oz. 15.; oz. 25c.; ¼ lb. 90c.

Coral Gem Bouquet. *New.* A unique and beautiful variety, as a pot plant, there is nothing more attractive. Its beautiful little pods of shining red color, are so thickly set as to give it the appearance of a bouquet of Corals, beside it is equal to any for seasoning or pepper sauce. A novelty of merit, try it. Put up in packets of three pods, each containing enough seed for about 100 plants. 10 cts. each.

Red Cluster. This is the earliest pepper to ripen; they are small and slim, and of a bright coral red. The plants are very bushy, the peppers stand upright in large clusters at the top of each branch, in all stages of growth from blossoms to ripe fruit, making one of the most beautiful ornamental plants, worthy a place in the flower garden. Several hundred little peppers grow on each plant, which are very hot and pungent, fine for pepper sauce, equal to cayenne. Pkt. 10c.

Large Bell or Bull Nose. Earlier than the other large sized peppers, thick meated, very mild flavor and excellent for stuffed pickles or mangoes. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.

Long Red Cayenne. A small, long pointed slim pod, strong and pungent, the Cayenne pepper of commerce. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.

PARSLEY.—*Petersilie.*

Champion Moss Curled. Rather dwarf, leaves crimped and curled, of the richest green, giving it a beautiful appearance. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

New Fern Leaved. A new and most beautiful variety for table decoration. Very ornamental for the flower garden. Pkt. 5c.; oz 10c.; ¼ lb. 25c.; lb. 80c.

Hamburg or Turnip Rooted. The roots are used in soups, giving them a fine, delicate flavor. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

POTATOES.—*Kartoffel.*

See special department.

PUMPKIN. *Kurbis.*

Japanese Pie Pumpkin. New and comes from Japan. In form it resembles the Cashaw; the flesh is solid in the large neck, and but a very small seed cavity in the large end, fine grained, dry and sweet. They ripen early, keep well; the seeds are peculiarly sculptured in Japanese characters. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Mammoth. This is the *Big Show Pumpkin*, catalogued under the various aliases, "*King of the Mammoths*," "*Jumbo*," "*True Potiron*," etc. Specimens have weighed over 200 pounds; skin salmon color, flesh bright yellow, keeps a long time. Its greatest value, except for feeding stock, is to have the "Biggest Pumpkin" for your fair, and our seed is of the kind that "will get there," as it is of the very best. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.; lb. $1.00.

Banana. (*Custard Squash*). Of peculiar form, its length being twice its cross diameter, with several prominent ridges running lengthwise. The skin is a rich cream color, flesh light yellow, fine grained, sweet, excellent for pies. A strong grower, very prolific and a good keeper. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.

Golden Oblong. (Burpee's). New, first offered in 1889, Very uniform in size and shape, from 15 to 20 inches in length, the skin is of a rich golden yellow, while thin is tough and keeps nearly as well as the hard shell Winter Squash. The flesh is light yellow, of very rich fine quality, and has been pronounced the very best for *Pumpkin Pies*. It is also very prolific, fourteen good pumpkins have been counted on one vine. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

Dunkard Winter. New. This is remarkable for its keeping qualities; it is said they have been kept two years in perfect condition. They are of good size, oblong or pear shape, skin deep orange, more or less striped with light green; flesh golden yellow, fine grained and sweet, vines *vigorous* and *very productive*. Pkt. 10c.; 3 pkts. 25c.

Etampes Mammoth Red. A new French variety; grows to a very large size, matures early; bright glossy red in color; flesh thick, rich colored and of fine quality. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.

Nantucket Sugar, or St. George. The old Yankee Pie Pumpkin; on account of its very dark color, almost black, it is also called Negro. It grows quite rough, ribbed and warted on the outside, but inside it is rich, sugary, and not equalled by any other for culinary purposes, almost as rich as a Hubbard Squash, and will keep a long time. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Tennessee Sweet Potato. Of medium size, pear shaped, slightly ribbed, color of skin and flesh creamy white, flesh thick, very fine grained, dry and of most excellent flavor, keeps until Spring, a great favorite, is one of the best for pies. This is a very distinct and valuable acquisition. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Sweet, Sugar, or Kentucky. An excellent small pumpkin, with deep orange colored skin, flesh remarkably fine grained and sugary, very productive and keeps well. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Cushaw, Livingston's Improved. This strain will be found to excel in uniformity, purity, size, productiveness and quality. In fact it is the genuine Cushaw of "ye olden time." Color, a distinct mottled green with white stripes; the flesh is a rich yellow, solid, fine grained, very sweet, and excellent for pies. Very hardy. Bugs seldom touch them. Its great productiveness and richness make it more valuable to grow in the corn field for feeding stock than any other squash or pumpkin. They grow to weigh 30 to 40 pounds. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.

Gray Boulogne. From France; with high culture it is one of the largest size, round, little flattened at the ends, skin grayish green, flesh golden yellow. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. 80c.

Large Field. Seed taken from fine specimens. Oz. 5c.; ¼ lb. 10c.; lb. 30c.

PARSNIPS.—*Pastinake.*

Hollow Crown or Long Smooth, Abbott's Improved. Roots long, white, tender, sweet and of excellent flavor, no better in cultivation. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

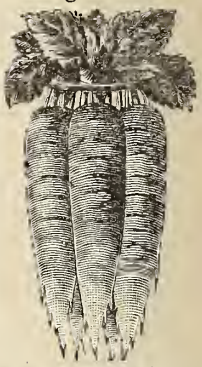
Improved Guernsey. This does not grow as long as the above, but is much thicker, and easier to harvest. Very smooth, flesh fine grained and fine flavored. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

RHUBARB.—*Pie Plant.*

Myatt's Linnaeus. The best in cultivation. Early, large, very tender, and free from the tough, stringy skin of other varieties. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.50.

Rhubarb Roots. Each 15c.; doz. $1.25, by mail postpaid.

RADISH.—*Rettig.*



Chartier's *Beckert's Improved.* We place this at the head of the list, as we think for an all purpose radish there is no other equal to it. They are quite early, of fine form, color bright crimson at the top, shading to a pure waxy white at the tip, making them very attractive. They grow to a large size and remain a long time without becoming pithy. Very crisp, mild flavored and tender. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb 60c.

Philadelphia White Box. A new and distinct white turnip radish, of rapid growth, very short top, extra fine quality; retains its crispness remarkably for an early radish, one of the most valuable for forcing; owing to its very small top it can be grown much thicker than any other sort. Pkt. 5c.; oz. 15c.; ¼ lb. 25c.; lb. 80c.

Newcom. New. A very early, large white radish, remains crisp and tender a long time after full grown, stands heat and drouth better than many; commands the highest price in market; it has a small top and slow to run to seed; a good one. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.

Long White Vienna, or *Lady Finger.* This is of remarkably quick growth, pure white, both skin and flesh; crisp, mild and tender; one of the most beautiful; for the table no other variety is more satisfactory. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c.

Shepherd. This, by some, is considered the same as Chartiers; in our trial grounds, in adjoining rows, they showed a distinct difference in foliage, the roots were not as smooth and free from prongs, otherwise there is a close resemblance. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Rosy Gem. A beautiful and *extremely early* radish, perfect globe shape, with rich scarlet top blending to pure white at the bottom; very tender, crisp, and delicious; very desirable for market or home use. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

Burpee's Surprise. A good one, Although tender and crisp when small it grows to a large size before becoming tough, color light russety brown, scarcely any skin at all, flesh white and firm yet crisp, with a peculiar sweet agreeable flavor liked by every one. It is among the earliest, of very regular shape and fine appearance. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

Giant White Stuttgart. Both flesh and skin pure white, grows to a very large size, a summer or fall variety, flesh firm, brittle, and of good flavor. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

GARDENERS Please notice that we put up packets of nearly every variety of Vegetable Seeds for five cents, while many others charge ten cents for no larger packets of many varieties. This will be found to make quite a difference in making selections for OUR POPULAR SPECIAL OFFER OF SEEDS IN PACKETS, page 4.

Startle. *The new 20 day forcing radish.* Undoubtedly the earliest and finest forcing variety known; olive shaped, color brilliant red, flesh pure white, crisp, and of excellent mild flavor; has very small, short top and is alike valuable for forcing or open ground. Pkt. 10c.; oz. 15c.; ¼ lb. 50c.

New Golden Globe. An improvement on the Old Yellow Turnip Radish; it is more globular, smaller leaves and neck, of fine quality, crisp and tender, of rapid growth, an excellent summer variety, withstanding heat well. A valuable acquisition. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.

White Strasburgh. A fine summer radish, remaining a long time in edible condition, grows quickly and withstands severe heat without injury; the roots are smooth, handsome, oblong, tapering shape, pure white skin and flesh, which is firm, brittle and tender, and retains its crispness even when the roots are large. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

French Breakfast. An early scarlet, olive shaped, white tipped variety, of very quick growth and excellent flavor. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Early Scarlet Turnip. *White Tipped*, very early. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Long Scarlet. *Short Top.* The well known variety. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Scarlet China, or Chinese Rose. An excellent winter variety, flesh firm, a good keeper. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

Long Black Spanish. One of the best for winter use, keeps till spring. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 50c.

California Mammoth White Winter. The largest radish grown, of excellent quality for fall or winter use; also called *Mammoth Russian* and *Large White Russian.* Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

MIXED SEED, desirable for family use, as the early varieties can be used as they mature, while the later kinds can occupy the ground. Each packet will contain one ounce of several of the best standard kinds. 10c.; ¼ lb. 20c.

SALSIFY OR VEGETABLE OYSTER.—*Haferwurzel.*

Long White. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. $1.25.

Mammoth Sandwich Island. New. roots resemble a good sized parsnip, white. Pkt. 10c.; oz. 15c.; ¼ lb. 60c.; lb. $1.50.

Scorzonera, *or Black Salsify.* More productive than Long White. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

SPINACH.—*Spinat.*

Round Thick Leaved. One of the best market sorts. In general use for spring or autumn sowing. Leaves are large, thick, and somewhat crumpled. Pkt. 5c.; ¼ lb. 10c.; lb. 25c.

Long Standing. Similar to Round Leaf, but is not inclined to run to seed for a long time. Pkt. 5c.; ¼ lb. 10c.; lb. 25c.

Savoy Leaved. *(American, Bloomsdale, Norfolk,* with other prefixes, all one thing.) A good variety or it would not have so many names. It is the hardiest of all, producing twice the weight of crop; leaves are large, very thick, and curled like Savoy Cabbage, hence its name. Keeps well after cutting; suited for fall sowing. Pkt. 5c.; ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

SQUASH.—*Kurbiss.*

Golden Summer Crookneck. The best of the season in quality, very early. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Yellow Bush Scalloped or Patty Pan. Very early, rich golden yellow. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Mammoth White Bush, Scalloped. A new and vastly improved variety of the well known White Bush Squash growing to an immense size, 12 to 15 inches across, of uniform shape, of a beautiful white color. Very early and wonderfully prolific. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

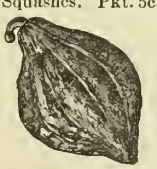
Giant Summer Crookneck. A new variety, of very large size, often measuring two feet in length, immensely prolific and of fine quality; dryer and sweeter than other summer squashes, very handsome and attractive; color mostly dark green, with lighter stripes of green and yellow; a very popular market variety where known. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Perfect Gem. A small, prolific, hard shelled, yellowish white squash, for winter or summer use, flesh fine grained, cooks dry, and of a sweet, delicious flavor. Keeps well into winter. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c.

American Turban. A very superior variety, for late summer and fall use; it is dry, fine grained, and remarkably rich flavored, and one of the most prolific. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb 65c.

New Mediterranean. "The skin is quite smooth, of a red salmon color, the flesh of a *beautiful rich yellow, very sweet,* fine and floury. The vines grow vigorously, are extremely hardy and productive, and rank among the best winter sorts as a keeper. Flesh very thick, with a small seed cavity." Pkt. 5c.; oz. 15c.; ¼ lb. 50c.

Early Orange Marrow. Also called "*Early Prolific,*" "*Extra Early,*" "*Dunlap's Early Prolific,*" and "*Chicago*" *Orange Marrow.* This is a decided improvement on the Old Boston Marrow, being *two weeks earlier,* far *more productive,* and *much better keeper.* Size medium and uniform. Skin of a brilliant orange red, flesh very thick, orange color, fine grained and of excellent quality, cooks dry, and is one of the very best squashes from September to January. Its smooth, handsome appearance, beautiful color, and uniform size, combined with its superior quality, makes it one of the most salable varieties in market. We regard this as the best of all the so-called Marrow Squashes. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.



Hubbard. A great favorite, more extensively grown for market than any other winter variety, of good size, color dark green, shell very hard, flesh yellow, fine grained, dry and sweet. In quality it is the standard of excellence; should be planted about the time blackberries begin to bloom to matnre its crop. Pkt. 5c.; oz. 10c ; ¼ lb. 20c.; lb. 65c.

Mammoth Chili. The "big" exhibition squash, the largest of all, often weighing over 200 lbs. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1 25.

The Sibley, *or Pike's Peak.* New. This is a grand acquisition. Thoroughbred, as the squashes are all alike in color and form, and vary but little in size. The form is entirely new and distinct, being pear shaped, with the stem on the large end. The shell is very hard and flinty, yet thin and smooth, of a pale green color. The flesh thick and solid, brilliant orange color, very dry, fine grained, and a rich delicate flavor; weigh from 8 to 10 pounds. Vines are remarkably vigorous and *wonderfully productive* The whole crop seems to ripen at once, as soon or before the Hubbard, and is one of the very best keepers and shippers. We cannot too highly recommend this to our patrons. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Bay State. This new squash combines many superior qualities. In form it resembles the Turban. The shell is light green, hard and flinty, and is one of the longest keepers known. Flesh very thick and solid, bright golden yellow, dry, fine grained, flavor sweet and excellent, seed cavity very small. It matures very early, and can be planted as a second crop after early peas; if planted late it will escape the squash maggot and still ripen. One of the best. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Essex Hybrid. A cross between the Hubbard and American Turban, has the color, form and great productiveness of the Turban, with the hard shell and dryness of the Hubbard, one of the best keepers and of excellent quality. On account of its quick growth it can be planted late, the same as the Bay State. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c.

Marblehead. Valuable; like the Hubbard, except it is of a pale green color. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Winter Crookneck, or Canada Crookneck. Very early, hardy and productive. Good quality. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Olive. Medium size, color and shape like an olive, flesh thick, golden yellow. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

Red China. Small, handsome, productive, bright red, hard shelled, dry, sweet, yellow flesh. Pkt. 5c.; oz. 10c.; ¼ lb 30c.

Brazil Sugar. Of little value. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

White Pine Apple. Valuable only as a curiosity. Pkt. 5c.; oz. 10c.

Butman. A distinct variety, skin bright green, mingled with white, fine grained, excellent quality. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.

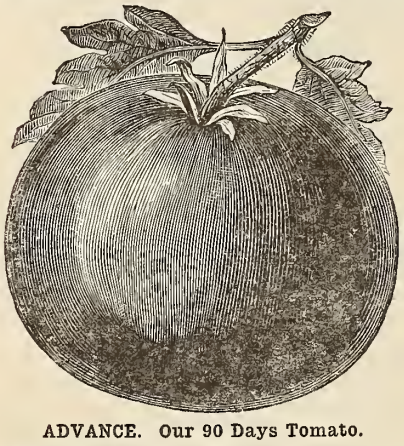
SUNFLOWER.

Mammoth Russian. Gray or striped seed; heads grow very large. An excellent feed for poultry. Pkt. 5c.; ¼ lb. 10c.; lb. 25c.

TOMATO.—*Liebes-Apfel.*

Growing tomatoes for market and for seed has been a specialty with us for over twenty years, and in that time we have thoroughly learned the importance of the "*survival of the fittest.*" The utmost care is taken to save our stock seed, and it is always saved from the most perfect specimens, and those earliest ripened. In this way we have been able to steadily improve, or at least keep our stock up to the highest standard.

Mikado. *Turner's Hybrid.* This new tomato is of *immense size*, with the *firmest flesh, least seeds* and *most productive* tomato we have ever grown, and *none of better flavor*, unsurpassed for slicing or canning. It is of purple color, like the Acme, and ripens about the same time. The foliage is very large and not cut or serrated, like other varieties. Its only fault is that a portion of the fruit is not smooth enough, and yet it will yield more marketable fruit than any other kind. We grew our seed from headquarters stock, and it has been saved with great care. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.



ADVANCE. Our 90 Days Tomato.

Catalogued by others as "Earliest Advance," "Extra Early Advance," etc.

We are the originators of this and first offered it to the public in 1885, with the claim that it was, and would prove the very best in every respect of all early varieties. We can now say our claim was not too broad, as it now stands at the head of the long list of tomatoes.

In the five years that have intervened, we have increased the average size materially, by careful selection, without losing any of its good qualities. We again offer it as the *Earliest Smooth Tomato* in existence, and as early as any of the rough sorts. The fruit is *Above Medium Size*, a beautiful *Glossy Bright Red Color*. *The most productive* of any variety, either early or late, we have ever grown, except the Mikado. *Quality* the *best*, very few as good, none better. It is the *smoothest tomato* we have ever known, the *Most Perfect* in *Form*, nearly *Globular*, not a ribbed or rough one. Ripens all over even and perfectly. Never rots like many sorts before it is ripe, keeps a long time, making it a first-class shipping tomato.

Last season the Advance yielded two or three times more fruit and ripened *ten days sooner* than the Dwarf Champion. Except that the latter had a slight advantage in location, they were treated alike in all respects.

This is a cross between the Alpha (which originated with us, and when we introduced it was a month earlier than any other comparatively smooth tomato known) and Livingston's Perfection, which always sported Acme colored fruit, hence the sports of the same color found in the Advance. Although we can pedigree all the seeds we have grown in the past three years, to a single seed, taken from the most perfect globe shaped tomato we have ever seen, several plants grown from seed from this tomato, were set in isolated places, and seed only saved from one of them that appeared to be the most productive with fruit, most perfect in form, and of the best color, and than only a few of the earliest specimens.

And still it shows its parentage, by throwing a few Acme colored fruits. Yet we greatly improved it in size and form, and a little in earliness and productiveness.

PURCHASE your seeds at HEADQUARTERS and get OUR CHOICE PEDIGREE SEED.

Seed from earliest selected specimens—pkt. 10c.; ½ oz. 40c.; oz. 75c.

First class seed—pkt. 5c.; ½ oz. 20c.; oz. 35c.; ¼ lb. $1.00.

Hundreds have written us of the superior excellence of the Advance, but our limited space will not allow us to insert but the following:

"Please mail me ¼ lb. of your Advance Tomato seed. The seed I obtained of you last year, of this variety, gave splendid satisfaction. I think it possesses more good qualities than any tomato I ever planted, and I have planted many kinds."

J. M. TALKINGTON, Searcy, Ark., 1-28-89.

"I have raised you Advance Tomato the three past years and am very much pleased with it."

WM. TRUE, Mason City, Iowa, 1889.

"I received of you your 90 days tomato, three years ago, and have been well pleased with it.

DR. R. H. AYER, Eldridge Mills, Va., 2-24-88.

"I can endorse all you say of the Advance Tomato." S. F. WHITE, Des Moines, Iowa, 1-13-88.

"Your Advance is the finest early tomato I ever grew. I picked and sold 119 bushels from 4 rods square of ground. They grew in a corner lot in the center of our Village, and were admired by every one that saw them."

ALEX. B. DEAL, Martinsburg, O., 2-20-89.

Beauty. *Livingston's.* Very large, smooth, solid, purple color, productive, keeps well, a good shipper, vigorous grower, medium early. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

Dwarf Champion. A new and distinct variety introduced in 1888. The plant is very short jointed, stout, upright, dwarf and compact in growth. Can be planted as close as three feet. Foliage considerably curled and very dark green; will bear heavy manuring without running to vines. Fruit resembles the Acme in color, size and form. Always smooth; ripens close around the stem; skin tough; flesh solid, of very fine quality, sweeter than other kinds. We have choice seeds of our own growing. Pkt. 5c.; ½ oz. 20c.; oz. 35c.; ¼ lb. $1.00.

Golden Queen. (*Golden Sunrise*). A beautiful new tomato, large size and smooth, color rich golden yellow, with a slight tinge of red at the blossom end, the flavor is mild and excellent, not as acid as red sorts. Fine for preserving. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.

Golden Trophy. (*Golden Rod.*) An excellent tomato of large size, fine quality, of a pure golden yellow color. Pkt. 5c.; ¼ oz. 15c.; oz. 25c.

Lorillard. Introduction of 1889. A cross between Acme and Perfection, highly recommended for forcing, as well as for outdoor culture. Fruit of good uniform size, nearly round in shape, color vermillion scarlet, very solid, and of excellent flavor. Plant of stocky growth, setting its fruit in clusters, making it very prolific. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.50.

Volunteer. A new and very superior variety introduced in 1888. A *marvel* of *productiveness* and *beauty*. fruit very smooth, of uniform large size; very solid, of a beautiful bright red, making it very attractive; of the very best quality, ripens quite early, and all over at once, no green top or core; does not rot or crack. We have tested nearly all the new tomatoes for the past twenty-five years, and we have found none that combines more of the requisite qualities for the general crop, and we cannot too highly recommend it. Pkt. 5c.; ½ oz. 20c.; oz. 35c.; ¼ lb. $1.00.

Shah. Introduction of 1889. This is in all respects the same as the Mikado in foliage, size of fruit, quality and productiveness except in color, which is of a bright yellow, slightly tinged with carmine when grown in the sun; when covered with the dense large foliage it is of a light cream color, being a sport of the Mikado; occasionally it sports back again. We received first premium on this variety over all others at our fair last fall. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.50.

Matchless. Introduction of 1889. A very vigorous grower; foliage a rich dark green, and wonderfully prolific of fruit of the largest size, and the size is maintained throughout the season. Entirely free from core, of the finest quality, of a rich cardinal red color, not liable to crack or rot from wet weather, very solid with a tough skin, and will keep a long time after ripening in marketable condition. A good one, try it. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.50.

Prelude. (*Horsford's*). Now first offered. Originator's description: "In earliness, it stands at the head of the list; not only does it ripen the first fruit of any, but the whole crop crowds right along. From ¾ of an acre we picked 200 bushels before getting over the ground the first time. The plants are *wonderfully prolific*, bearing their medium sized fruit in large clusters. The fruit is nearly round, perfectly smooth, and of a bright crimson red, very solid, and in quality equal to the very best. The skin is firm and perfectly free from rot." The above is substantiated by numerous testimonials from prominent horticulturists in this country and England. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.50.

Essex Hybrid. Very popular around Boston, closely resembling Acme but of entirely different parentage, less liable to rot, a very fine purple tomato. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

Cardinal. Color brilliant cardinal red, form nearly round, solid, few seeds, by some considered the best of all tomatoes. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

Market Champion. A favorite variety with the Philadelphia market men, said to be very early, large size, perfectly smooth, color bright glossy pink, flesh solid and unusually productive. Pkt. 5c.; ½ oz. 15c.; oz. 25c.

Potato Leaved. So called from the resemblance of leaves with those of the potato. A new variety, the fruit of which is very much like the Acme, of a purple color, uniformly smooth, quite early, good size, handsome, and of excellent quality. A good one; try it. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; ¼ lb. 75c.

Atlantic Prize. New, first offered in 1889. The introducer says: "It is the *most valuable early market variety ever introduced*, * * * fully *two weeks ahead* of all competitors * * * The vines grow strong, stiff, and very rapidly, the buds appearing before the plant is four inches high. The fruit is born in immense clusters, is very solid and of the finest quality. Another great feature, besides extreme earliness, it ripens its first fruit more evenly and abundantly than any other tomato grown." Pkt. 20c.; ½ oz. 40c.; oz. 75c.

The New Peach. Introduced in 1889. This is a curiosity. The vine is like that of other tomatoes, but bears fruit that very much resembles peaches in form and size, having the down or fuzz of the peach. It is not only unique in appearance, but of fine quality. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ¼ lb. $1.50.

Strawberry Tomato. Also called *Husk Tomato*, *Winter* or *Ground Cherry*. We have seed of a greatly improved variety of this fruit They grow well on any dry soil, and are prolific bearers, and "*Oh! such luscious fruit.*" For sauce they are much liked, and for pies, they are hardly equaled in fine flavor; good for preserves. When dried they are used instead of raisins for cake and puddings. They will keep in a cool place, if left in the shuck, nearly all winter. They are grown quite extensively in some places for market, where they are sold in quart boxes, the same as Strawberries. Pkt. 10c.; ½ oz. 30c.; oz. 50c.

Livingstons. Four Fine Varieties. Too well known to need description.

Paragon, Perfection, Favorite and Acme. Price of each: Pkt. 5c.; oz. 15c.; ¼ lb. 50c.

TURNIP. *Ruebe*

Extra Early Red Top Milan. Two weeks earlier than Purple Top Strap Leaf, medium size, flat; flesh white, of fine quality, and a good keeper. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 55c.

Purple Top Munich. As early as Milan, larger size, but more liable to turn bitter when full grown, but good when young. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

Early White Flat Dutch Strap Leaf. An excellent pure white sort for Fall use; grows quickly, fine quality. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

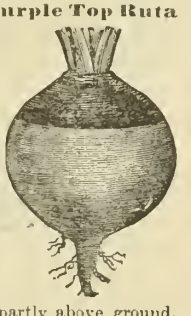
Early Red or Purple Top Strap Leaf. Differs from the white only in having a purple top. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

White Egg. A valuable new variety for Fall and Winter use, skin very smooth, pure white, large size, egg shape, one of the best for table use. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 45c.

Montmagny. This new variety has a purple top with yellow bottom. The flesh is of a fine golden yellow color, solid, sweet, and excellent for table use. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

White Russian or White Swede. This is the best variety grown for Winter or Spring use for the table. Oval form, clear white flesh, sweet, excellent. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

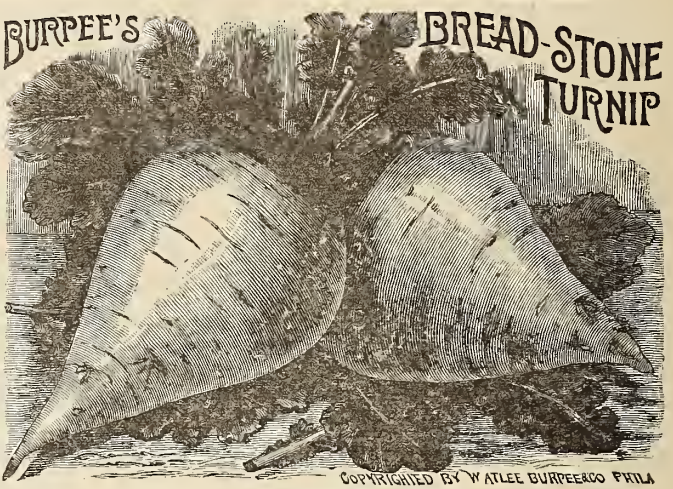
Improved American Purple Top Ruta Baga. Flesh yellow, very smooth and solid, yields immense crops, grown extensively for market, for table use, and none better for feeding stock. Our seed is from a fine strain. If you are looking for the best and most profitable Ruta Baga grown, this is what you want. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.



Carter's Imperial Ruta Baga or Swede. One of the best and sweetest for table or stock. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

Cow Horn. A long white rapid growing variety, grows partly above ground, flesh fine grained, sweet, excellent for table or stock. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

Burpee's Breadstone. A very superior and distinct variety just brought to notice, although it has been grown in a small way on Long Island, by a Quaker family, for many years. In form it is all that could be desired (see cut at the right), of medium size, quick growing, very smooth and white, with a faint green top; flesh perfectly white, fine grained, very sweet, remarkably tender, cooks as quickly as a potato, without the strong odor and flavor of some varieties. It is good in the Fall and through the Winter, but shows up its comparative merit in the Spring when other varieties are pithy, strong and uneatable. Certainly worthy of a trial. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $1.75.



Pomeranium White Globe. *Strap Leaf (Large White Globe.)* This is the best of the class; it grows to be six inches through, snow white skin and flesh, keeps well into the Winter, fine for the table or stock, one of the best market sorts. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

Early Red Top Globe. A very superior early variety for stock or table use, will yield more per acre than the flat varieties, of rapid growth, and keeps well into the Winter. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

Golden Ball or Orange Jelly. This is one of the sweetest, fine flavored, yellow fleshed turnips, of rapid growth, a good keeper, and has no superior for table use. Pkt. 5c.; oz. 8c.; ¼ lb. 15c.; lb. 40c.

HERBS, *Sweet and Medicinal.*

	Pkt.	Oz.		Pkt.	Oz.
Anise	5	10	Horehound	5	40
Borage	5	20	Lavender	5	20
Caraway	5	10	Saffron	5	15
Coriander	5	10	Sage, *Broad Leaf*	5	20
Dill	5	10	Summer Savory	5	15
Fennel, Sweet	5	10	Tansy	5	40

TAKE NOTICE.

In the foregoing list we have aimed to include all of the best varieties, in fact everything required to make a first class vegetable garden for home use or for market. We do not know of a variety of vegetable not found in this list that would add to the best garden, and yet if any of our patrons would like any variety of seed not found in this list, and found in any other catalogue, do not hesitate to order it of us and we will get them for you at regular prices. But packets so ordered cannot be included in making up list for Our Popular Special Offer, page 4.

PYRETHRUM ROSEUM.

Persian Insect Powder Plant.

Price 10c. per packet. A hardy perennial, of easy culture, yielding a large quantity of flowers which somewhat resemble Ox Eye Daisy, except in color. this being rose color. The flowers are gathered when in full bloom, and dried, and when finely powdered they make the *Genuine Persian Insect Powder*, which is sold from 60 to 75 cents per pound, and often much adulterated. Any one by growing their own can, at a trifling expense, keep their house free from Flies, Aunts, Roaches, Fleas and Bedbugs. It is a beautiful, showy flower, as well as the most valuable insecticide.

HORSE RADISH.

The best is grown from sections of small roots, about 5 or 6 inches long. It should be planted in very rich mellow soil; make holes deep enough so the tops of the sets will be two or three inches below the surface; drop the sets in with the pointed ends down, and cover. The first year's growth, after planting, is the best for market or home use. Good sets, per doz., 20c.; per 100, 75c. If to go by mail add 5c. per doz., 30c. per 100.

ASPARAGUS ROOTS.

If to go by mail, add for postage 5c. per doz., 20c. per 100, for one year roots, and 10c. per doz., 40c. per 100, for two year roots.

Conover's Colossal. A very large, standard sort, 1 year roots, 25c. per doz. 50c. per 100; 2 year roots, 30c. per doz. 75c. per 100.

Moore's Cross Breed. A new variety of the largest size, and of excellent quality. 1 year roots 30c. per doz. 60c. per 100. 2 year, 40c. per dozen, $1.00 per 100.

Palmetto. A new early variety, very even and regular in its growth, remarkably tender, and of the finest flavor, yielding even better than Conover's Colossal. 1 year roots per dozen, 30c.; per 100, $1.00. 2 year roots, 40c. per doz. $1.25 per 100.

Barr's Mammoth. A new variety of very large quick growth. Earlier than the Conover's Colossal, and more than twice as large. It is wonderfully productive throughout the entire season, very tender and of delicious flavor. Something of its immense size can be realized when *Twenty-five edible shoots have weighed thirteen pounds.* Seed per pkt. 10c.; oz. 20c.; ¼ lb. 50c. One year roots, 30c. per doz., $1.00 per 100.

RHUBARB. Pie Plant.

Myatt's Linnæus. The very best, medium size, superior flavor, remarkably tender, needs no peeling or paring; the whole will cook tender, and be less stringy than any other variety after being pared. Good sets, each 10c.; $1.00 per dozen; $6.00 per 100.

Holt's Mammoth Sage. A very strong growing variety, plants grow about one foot high, and will cover a space three feet in diameter. The leaves very large, and of unusual strength. It never goes to seed, and is perfectly hardy. ½ doz. plants, 40c.; 1 doz. 75c.; 5 cts. per ½ doz. 8 cts. per doz. extra if to go by mail.

Broad Leaved Sage. The well known garden sage. Seedling plants. ½ doz. 30c.; doz. 50c. 5 cts. per ½ doz. 8 cts. per doz. extra, if to go by mail.

The blade is made of the best spring steel. It is the best weeder we have ever used. Price only 25 cents; by mail 30 cents.

"I tried your seed last year and was much pleased with them; all were true to name."
CHAS. H. MILLER, Wallingford, Conn., 2-12-89.

BEAUTIFUL FLOWERS.

OUR SPECIAL OFFER OF SEEDS IN PACKETS, PAGE 4, may include both Flower and Vegetable seeds if desired.

In the following select list will be found the cream of the long lists; embracing all of the most popular and desirable varieties, and mostly of easy cultivation; we also make special mention of some new varieties that are of superior merit, and cannot fail to please all who try them.

We spare no effort to have our Flower Seeds of the best quality in every respect; the varieties which we price at 10 cts. or over are the choicest strains of seed that can be procured, no one can have better or sell such seed for less money. In addition to this, most of our packets contain seed that will produce many colors of the flowers making a great variety at a small outlay.

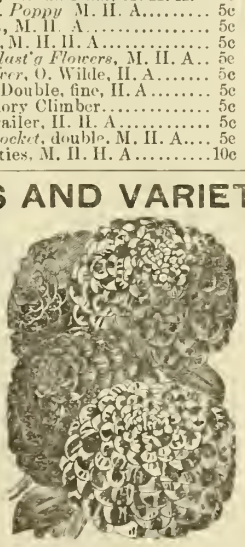
To save our patrons the trouble of making two orders, if there is any new or old variety of flower seed desired that is not found in our list, we shall be glad to have them include them in their order at the price they are found catalogued by any seedsman in New York, Philadelphia, Chicago, or elsewhere; name the firm offering them, and we will supply them. But seeds so ordered cannot be included in making up list for *Our Popular Special Offer*, page 4.

ABBREVIATIONS: A. denotes Annual; H. A., Hardy Annual; H. H. A., Half Hardy Annual; H. P., Hardy Perennial; M., several varieties and colors in the packet. The numbers before the names are given for convenience in making out orders, and should be used instead of writing the name. No charge for postage on Flower Seeds.

1. **Ageratum,** *finest mixed,* H. H. A..... 5c
2. **Alyssum,** *sweet,* H. A..... 5c
3. **Amaranthus,** *many colors,* M. H. A..... 5c
4. **Antirrhinum,** *Snap dragon.* M. H. P..... 5c
5. **Aquilegia,** *columbine,* all colors, M. H. P..... 5c
6. **Aster,** *great variety,* M. H. H. A..... 5c
7. **Aster,** *choice mixture,*.....10c
8. **Balsam,** double camellia flow'd, M. H. A.....10c
9. **Balsam,** fine double mixed, H. H. A..... 5c
10. **Balsam,** dwarf double or miniature, M.....10c
11. **Balloon Vine,** *climber,* H. H. A..... 5c
12. **Calliopsis,** mixed, H. A..... 5c
13. **Candytuft,** fine, M. H. A 5c
14. **Campanula,** *Canterbury Bells,* M. H. A..... 5c
15. **Canna,** *Indian Shot,* H. H. P..... 5c
16. **Canary Bird Flower,** H. H. A.....10c
17. **Cacalia,** *Tassel Flower,* M. colors. H. A..... 5c
18. **Carnations,** fine double, M. H. H. P.....10c
19. **Clarkia,** choicest mixed, H. A..... 5c
20. **Cobea Scandens,** *climber.* H. H. A..... 5c
21. **Convolvulus.** *Morning Glory,* M. H. H. A 5c
22. **Crysanthemum,** finest, H. A. varieties, M... 5c
23. **Cypress Vines,** fine climber, H. H. A..... 5c
24. **Celosia,** *Cockscomb,* M. H. H. A..... 5c
25. **Catchfly,** red, white, rose, M. H. A..... 5c
26. **Dianthus Barbatus,** *Sweet Wil'm,* M. H. P.. 5c
27. **Dianthus Chinesis,** *Indian Pink,* M. H. A. 5c
28. **Eschscholtzia,** *Cal. Poppy* M. H. A..... 5c
29. **Globe Amaranthus,** M. H. A..... 5c
30. **Gourds,** *ornamental,* M. H. H. A..... 5c
31. **Helichrysum,** *Everlast'g Flowers,* M. H. A.. 5c
32. **Helianthus,** *Sunflower,* O. Wilde, H. A..... 5c
33. **Helianthus,** Dwarf Double, fine, H. A..... 5c
34. **Ipomea,** Evening Glory Climber..... 5c
35. **Ice Plant,** Dwarf Trailer, H. H. A..... 5c
36. **Larks ur.** *Dwarf Rocket,* double, M. H. A.... 5c
37. **Lobelia,** finest varieties, M. H. H. A.....10c
38. **Lupinus,** many colors, M. H. A..... 5c
39. **Malope,** crimson, fine, H. A..... 5c
40. **Marigold,** Dwarf French, M. H. H. A..... 5c
41. **Marigold,** African Quilled, M. H. H. A..... 5c
42. **Marvel of Peru,** *Four O'clock,* M. H. A..... 5c
43. **Mignonette,** Large Flowered, H. H. A..... 5c
44. **Mignonette,** Golden Queen, gold color, H.....10c
45. **Mimosa,** *Sensitive plant,* H. H. A..... 5c
46. **Nasturtium,** Dwarf, M. H. A..... 5c
47. **Nemophila,** *Love Grove,* M. H. A..... 5c
48. **Pansy,** fine colors, M. H. P 10c
49. **Pansy,** extra choice, large flowering.....25c
50. **Pansy,** Large German, mixed.....15c
51. **Petunia Hybrida,** finest striped and blotched varieties, M. H. A..... 25c
52. **Petunia,** good varieties, M. H. A.....10c
53. **Phlox Drummondii,** finest varieties, many colors, M. H. H. A..... 5c
54. **Phlox,** new large flowering, M. H. H. A.....10c
55. **Phlox,** very dwarf, fine, M. H. H. A.....15c
56. **Poppy,** *Carnation Flowered,* M. H. A..... 5c
57. **Portulaca,** Single, all colors, M. H. A..... 5c
58. **Portulaca,** Double, all colors, M. H. A.....15c
59. **Pyrethrum Roseum,** H. P.....10c
60. **Ricinus,** *Castor Oil Bean,* H. H. A..... 5c
61. **Salpiglossis,** finest, M. H. H. A.....10c
62. **Stocks,** Dwarf, 10 weeks, good, M. H. H. A.... 5c
63. **Stocks,** choicest varieties, M.....15c
64. **Scabiosa,** *Mourning Bride,* great variety of colors, Fl. Pl, M. H. A..... 5c
65. **Sweet Pea,** fine colors, M. H. A..... 5c
66. **Verbena,** fine varieties, M. H. H. P.....10c
67. **Verbena,** extra choice, M. H. H. P.....15c
68. **Zinnias,** extra choice, M. H. A..... 5c
69. **Zinnias,** Large flowering Dwarf, M.....10c
70. **Zinnias, New Pompone,** very double, many colors, distinct and beautiful, M.....10c

NOVELTIES AND VARIETIES OF SPECIAL MERIT.

Zebra Zinnia. This is the most beautiful and brilliant double Zinnia. The seed we offer comes from the party who first named it. There may be a few self-colored flowers, but nearly all will be beautifully striped, (hence the name, Zebra) presenting all colors and shades known to the Zinnia, such as orange, crimson, pink, yellow, violet, rose, scarlet, white, etc. No flower more easily cultivated and will grow anywhere. Pkt. 10c.: 3 pkt. 25c.



Double Hollyhock. The flowers are as double as a rose, and of many shades of color; very fashionable just now. They can often be made to bloom the first year from seed, by starting the seed indoors in February or March. Choicest mixed seed. Pkt. 10c.; 3 pkts. 25c.

Pansy. Our No. 49 will be found the choicest mixture of Pansies possible to make, including Trimardeau, Giant Odier or Five Blotched, Finest large German, Butterfly, Fancy Striped and Faced, etc., making the best collection ever offered for 25c. Our No 50 is a mixture of various colors of the large flowering German Pansies, and cannot fail to give the highest satisfaction. Pkt. 15c. Our No 48 will be found a very choice collection for 10c.

New Japanese Hop. A new climber from Japan. In general habit like our common Hop, but the foliage is more deeply cut and very dense, an extremely rapid grower, invaluable for training over trellises, verandas and buildings. Pkt. 10c.

Snowdrift Poppy. Flowers pure snowy white and extremely double, of perfect form and large size. The growth is compact and a mass of them in bloom reminds one of a snow drift. Very desirable indeed. Pkt. 10c.

Crimson King Poppy. This is of a most intense dazzling scarlet, in other respects like Snowdrift. Pkt. 10c.

New Striped Japan Poppy. *The Mikado.* One of the most charming of the whole family. Essentially a Japanese flower in its quaint, yet artistic beauty. The color is most attractive and pretty, being pure white at the back, while the cut and fringed edges are of a brilliant crimson scarlet. Pkt. 10c.

Vesuvius. A beautiful new poppy, of very large size, three or four inches in diameter, perfectly double. The petals are finely cut, or fimbricated, of vivid scarlet color, with a distinct stripe of white. At a little distance the magnificent flowers look like a glowing scarlet ball. Pkt. 10c.

Mixed Poppy. A plat of poppies grown from this seed cannot fail to produce one of the most brilliant, beautiful, and unique effects imaginable. This seed was grown in a plat together from seed of the *Mikado, Fairy Blush, Snowdrift,* and *Crimson King,* four of the grandest poppies known, besides many of the seeds will be cross fertilized and produce many new combinations of color not before seen. No one should fail to secure a packet of this. Pkt. 10c.

Fairy Blush Poppy. This is distinct and new. The immense globular flowers are perfectly double and from 10 to 13 inches in circumference. The petals are elegantly fringed and pure white, except at the tips they are distinctly colored with rosy cream. A light shading of lemon at the base of the central petal gives the flowers an appearance of great depth. The flowers at a little distance look like large white feathery balls, overcast with a rosy shade. It grows 18 to 20 inches high, producing its magnificent flowers in great profusion, and remains longer in bloom than other poppies. A most desirable and charming flower. Pkt. 10c.

Verbena. Henderson's New Mammoth. A wonderful improvement on the ordinary verbena, being more vigorous in growth, and when well grown every flower truss will measure over nine inches in circumference, while the single florets are as large as a twenty-five cent piece. The seed we offer is from headquarters, and will produce a wide range of colored flowers. Pkt. 20c.; 3 pkts. 50c. Our No. 67 will be found an extra choice mixture for 15c.

Moon Flower. *New Cross Bred Variety.* The Moon Flower (*Ipomea Noctiflora*) is known to be one of the most charming climbers, often growing thirty or forty feet in a single season. Its pure white flowers, often five or six inches across, open in dull days and evenings, hence its name "Moon Flower." This new variety (a cross between the Black and White Seeded varieties) is a decided acquisition, and cannot fail to give the utmost satisfaction. It is not only equal to the older varieties in vigorous growth, profuse blooming, sweet perfume, and size of flower, but it comes into flower a full month earlier in the season, making it the most desirable, especially in the Northern States. Pkt. 10c.

"I got the best seeds of you I ever tried."
H. P. Start, Waterloo, Ind., 3-19-89.

Asters. Our No. 7 contains seed of the choicest new strains of Asters, including Victoria, German, Crown, Comet, in a great variety of colors, making it the best collection possible for 10c. Our No. 6 are remarkably fine for 5c., containing many kinds.

Bird's Mammoth Mignonette. The spikes are of immense size, often nine inches in length, and has a delicious fragrance, unequaled by any other. Pkt. 10c.

Erfurt Mignonette. This was first introduced from Erfurt, Germany, as a *Double Flowering Mignonette.* Plants grown from seed in this country have produced some remarkable flowers, *perfectly double*—so thoroughly double that they produced no seed. While but few of the flowers are double, they are uniformly perfect, with heads of great substance, and we are sure our patrons will find it one of the most desirable of Mignonettes, and if from a packet of seed a single plant is found bearing perfectly double flowers, it will be a unique object, and delight of all who admire rare flowers. Pkt. 10c.

NEW SWEET PEAS.

Princess Beatrice. Beautiful carmine rose. Pkt. 5c.

Painted Lady. Pink and white, fine. Pkt. 5c.

Butterfly. Pure white, laced with blue. Pkt. 5c.

Vesuvius. Petals brilliant carmine rose, throat glowing purple, the whole sprinkled with carmine dots, beautiful. Pkt. 10c.

Indigo King. Dark maroon purple with indigo blue wings; a charming variety. Pkt. 10c.

Invincible Carmine. Intense Crimson Carmine, the brightest colored of all sweet peas. Pkt. 10c.

The above five varieties, with other choice varieties mixed, making the finest collection possible. Large pkt. 10c.

Balsams. Our No. 8 is made up of the finest strains of camelia flower balsams, and is an extra choice mixture from named varieties. Nothing can be had from any source that can give better satisfaction. Pkt. 10c.

Our No. 9 is from unnamed varieties, and yet many of them as good as if they had been named. This mixture will please. Pkt. 5c.

Beet. *Ornamental Foliage.* Of various shades and colors, deep crimson, yellow, scarlet, black, blood color, &c. Nothing more beautiful than a bed of these on a lawn. The seed can be sown in a bed and transplanted, when large enough to show their colors, in circles, stripes, and fancy shapes, making a beautiful and showy ornament. Pkt. 10c.

"We were well pleased with the seeds we got of you last year, will now take advantage of your special offer." C. G. Moore, McComb, O., 3-25-89.

FORD'S SOUND FARM SEEDS.

As in our vegetable seed department, the utmost care is taken to have OUR FARM SEEDS of the very best in every respect. *Second to none in Purity and Quality*, grown expressly for seed, and cured with a view to preserve perfect germinating power, knowing full well that without good seed farmers can obtain no good results.

Prices quoted include bags and delivery to express or freight forwarders, but are subject to market changes after our present stock of any variety is exhausted.

ORDER EARLY then seed of all kinds can be shipped by freight in time for planting, at much less cost than by express. Besides if any variety should be all sold, it will give us time to replenish our stock and fill orders entire.

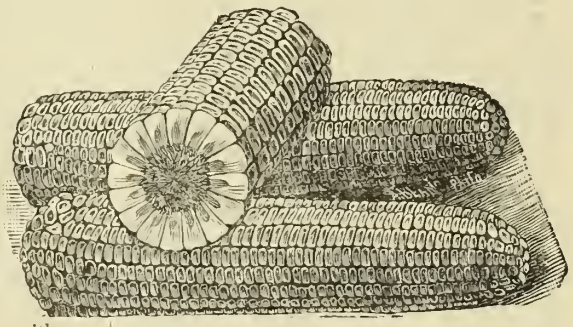
CHOICE FIELD CORN.

We offer only such varieties as have proved to be the most valuable, with two new sorts that from their superior qualities cannot fail to become leading kinds.

All our Seed Corn, except the improved Clarage, has been grown in Northern Ohio. Even the larger kinds like *Leaming, Golden Beauty* and *Champion White Pearl*, have been so improved in point of earliness that they have ripened well the past unfavorable season, and cannot fail to give unbounded satisfaction to our patrons and our popular prices will please all.

Prices quoted are to go by Express or Freight. If to go by mail, add for postage 8 cts. per pt., 15 cts. per quart.

THE EARLY BUTLER.



The Earliest Yellow Dent Corn in Cultivation. We are pleased to have the opportunity to offer this to the public, believing that our patrons will be highly pleased with this new *Extra Early Dent Corn*. It originated with one of the largest and most particular corn growers in Erie Co., Ohio. The crop grown for us the past season, has fully demonstrated that it is the *Earliest Dent Corn in the World*. One field planted the first of June was cut up the 27th of August, and husked out dry and sound the 15th of September. On trial with *eleven* different varieties of corn, it *ripened first* and *yielded best*. It grows quick, strong and rank. The ears are of good size, from 16 to 20 rows, with very deep grain, of beautiful golden color, and has the smallest cob of all. 70 lbs. of ears shelled out 46½ lbs. of shelled corn. It ripens the earliest, cures quickly. In yield of corn, rich in starch and oil, it is not exceeded, if equalled by any other in cultivation. In fact it comes the nearest to perfection of any with which we are acquainted, and these statements will be verified to all who give it a trial. Read what others say:

F. K. Bussing, Hutchinson, Kansas, says: "It is the corn for this country, a small cob, long grain, and was ripe the middle of August. Am much pleased with it."

Wm. Kellogg, Wheeler, Ill., says: "The Early Butler is the corn. Very early, good sized ears, fine grower and a most perfect Dent Corn."

D. R. Canfield, Florence, O., says: "I cannot recommend the Early Butler too highly."

J. H. Fleming, Winterfield, Mich., says: "I have the finest field of corn in Clare Co. and in Northern Mich."

Hosts of others who have grown this and seen it growing, say: "It is the best field corn I have seen this year." "Can't be beaten." "The best corn I have ever grown." "It is the smallest cobbed corn I have ever seen. Am pleased with it." "Very early; none better." "We will swear by the Early Butler, you cannot recommend it to highly." Sample ear by mail 15c.; by express or freight, pt. 6c.; qt. 10c.; ½ peck 30c.; peck 50c; bu. $1.75; 2 bus. $3.25.

Pride of the North, or *Queen of the Prairie* or *Early Golden Dent*. Originated in Northern Iowa, and until recently the Earlist Dent Corn in cultivation. It is remarkably productive. Our field from which our seed was selected, yielded 2 bushels of ears per shock of 64 hills. The ears are good size with 12 to 16 rows of very long, narrow kernels of a deep yellow color; an excellent corn for this latitude. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 25c.; peck 45c.; bu. $1.50; 2 bus. $2.75, good bag included.

Improved Clarage. Although not a new variety, as it has been grown in the vicinity of Columbus for many years, and regarded as one of the best, it is new to the general public. It ripens between the Pride of the North and Leaming. Ears nearly as large as the latter, very uniform in size its full length, and well filled out at both ends; husks very easily, the grain is of a rich golden color. Very productive, often bearing two ears on a stalk. In favorable seasons it has ripened when planted as late as the first of July. It has been thoroughly tested the past two seasons at the Ohio Experiment Station, and found to be *one of the best* in points of *early maturity* and *productiveness*. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 30c.; peck 50c.; bu. $1.50; 2 bus. $2.75.

King of the Earlies. This corn originated with the originator of the Pride of the North, in Northern Iowa. Our crop the past season, grown under same conditions, ripened fully two weeks before the Pride of the North. The stalk is rather short, ears medium size, small red cob; grains long, of a bright Orange color, rich in oil and starch. This corn will evidently mature a crop as far north as any known variety. The originator says: "It ripens earlier, dries out quicker, will make better fodder, stands the drouth better, and will yield more No. 1 shelled corn than any other known variety." Sample ear, by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 30c.; peck 50c.; bu. $1.50; 2 bus. $2.75.

Early Mastodon. A new variety, offered first in 1889. Originated in Huron Co., Ohio. Although not as early as the Early Butler, it is the earliest of the large-eared dent varieties, and will ripen anywhere in Ohio, Indiana, Illinois or Iowa, and has the largest and longest grain of any early dent corn. It is of strong, rapid growth, one of the most productive. A purely dent corn, of fine appearance when shelled: the grains yellow, with white tip. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 30c.; Peck 50c.; bu. $1.60; 2 bus. $3.00, good bag included.

Champion White Pearl. A thoroughbred white dent corn, maturing in from 85 to 100 days; very compact on the cob, which is proportionately very small. The ears are 7 to 12 inches long, of nearly the same size throughout, averaging 16 rows of extra long and wide grains. The stalk is short and thick, with the ears growing low down; will not blow down as readily as most kinds. In our judgment, this is the very best white dent corn to be found in this latitude. Sample ear, by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 25c.; peck 45c.; bu. $1.65; 2 bus. $3.00, bag included.

Improved Leaming. *Leaming Yellow Dent.* Our seed of this popular variety will be found earlier than seed of this variety usually sold. It matured perfectly in Huron Co., Ohio, the past season, and will be found of superior germinating power. Stalks medium height, very stout and full of leaves. Ears long and large, set low down, small red cob, grain very deep, of a rich golden color. This is used largely for fodder and ensilage; and is well suited for that purpose where the large Southern corns will not mature sufficiently. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 pts. 25c.; peck 45c.; bu. $1.65; 2 bus. $3.00, bag included.

Golden Beauty. Our strain of this most excellent corn will be found earlier than the common stock, as it matured near Lake Erie the past season perfectly. The stalks are 8 to 10 feet tall, with usually two ears each, of perfect shape, 10 to 12 inches in length, with 10 to 16 rows of very long, bright golden grains, cob very small. This is one of the most productive of all, has yielded over 150 bushels shelled corn per acre. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 30c.; peck 50c.; bu. $1.75; 2 bus. $3.25, bag included.

Brazilian Flour Corn. A new variety of Indian Corn with very white grain that makes an excellent flour. We never ate better biscuit than made from this flour. It is very productive, each stalk having from three to five ears six or eight inches long, with very small cob and fairly deep kernel. Excellent for table use while green, as it is very sweet and rich. Two stalks to the hill is sufficient as it stools out, and each sucker will have several ears on it. On account of its stooling habit, size, rapid growth, and abundance of blades, it yields an immense amount of fodder of the best quality. Large pkt. 8c.; by express or freight, pt. 10c.; qt. 18c.; 4 qts. 60c.; peck $1.00.

Hickory King. This is the largest grained and smallest cob pure white dent corn known. In many ears the grain is so large and cob so small that by breaking it in the middle *one grain will cover the entire end of the cob.* Stalk large and stout with two or three sometimes four ears each, seven to nine inches long, thus making it *enormously productive.* The seed we offer was grown and ripened perfectly in northern Ohio the past season, showing considerable improvement in point of earliness. Sample ear, by mail, 15c.; by express or freight, pt. 8c; qt. 15c.; 4 qts. 40c.; peck 75c.; bu. $2.00; 2 bus. $3.75, bag included.

Self-Husking Corn. So named from the fact of its husks opening at maturity and leaving the ears bare. It is the earliest yellow flint corn grown. Its rather short stalk, often has three ears 10 inches long and seldom less than two, making it very productive; cob small, with deep amber-colored grain. This is giving great satisfaction for late planting or first planting in sections where Dent corns will not mature. Sample ear by mail, 15c.; by express or freight, pt. 6c.; qt. 10c.; 4 qts. 35c.; peck 65c.; bu. $1.65; 2 bus. $3.00, bag included.

"I used your garden seeds the past and present season; all have given good satisfaction,"
G. A. Bowman, Market Gardener, Alliance, O.

"The seeds I purchased of you last Spring have given excellent satisfaction. The Tomhannock Lettuce was very fine."
C. A. Downing, Belton, Mo., 5-20-88.

"The seed we had of you last Spring were very fine and gave entire satisfaction."
P. M. Baker, Newport, R. I., 3-4-89.

ENSILAGE OR FODDER CORN.

The growing of corn for ensilage or for green or dry fodder has already assumed vast proportions, and is still on the increase. A farmer who undertakes to keep stock of any kind, at the present day, without the help of corn fodder in some shape, is certainly being left by progressive farmers. To produce a large amount of ensilage or fodder, the large varieties from the South are considered best.

For ensilage, one-half bu. per acre, drilled 3½ feet apart, is enough. For fodder, one bushel may be used. The cultivation should be the same as for a corn crop.

B. & W. A variety that goes by this brand is a very large growing kind from Virginia. In conversation with several of our largest growers for ensilage, we find the universal verdict is, that this brand is superior to any other, far better than Red Cob, much sweeter, ears better, earlier, and will produce more milk than any other kind, and that the stalks contain much more sugar than any sweet corn. We offer choice seed that will give the utmost satisfaction. Qt. 10c.; pk. 45c.; bu. $1.50; 2 bus. $2.75, bag included; quotations given on larger lots on application. We will sell all kinds of ensilage corn at market price. In comparing prices notice our price per bushel includes a good bag.

Sheep Tooth, or *Son Fodder.* This is a very large strong growing kind, producing an immense amount of very sweet forage. The kernel is long and narrow, and contains at least 25 per cent. more kernels to the bushel, and by some is thought to be more valuable than the B. & W. Same price as B. & W.

Blount's White Prolific, by some called and sold for Mammoth Ensilage. This is earlier than either B. & W. or Sheep Tooth, is better suited to Northern latitudes, and especially for dry feed, as it is not of as large growth, and produces a great number of large blades. In sections where it will mature, it is profitable for a grain crop, as it produces several ears on a stalk and is very productive. Qt. 10c.; peck 50c.; bu. $1.65; 2 bus. $3.00, bag included.

In sections of the country where the varieties of corn above mentioned will not mature, we would recommend the Leaming Corn for Ensilage. It produces an immense amount of excellent forage. For feeding green and quite early, the Russell's Prolific sweet corn is excellent, and later Stowell's Evergreen or Mammoth sweet corn. Sweet corn fodder will not keep in the winter as well as other corn. See price under head of Sweet Corn.

Sweet Corn for Fodder. Large growing kinds, well cured, but not selected for planting. Peck 60c.; bu. $2.00.

SUPERIOR SEED OATS.

We give below descriptions and prices of the cream of all the oats now in cultivation. All large yielders, thoroughly screened and recleaned.

White Bonanza. To this variety was awarded the $500 in gold prize for the largest quantity of oats grown upon one acre, offered by the American Agriculturist. The yield was 134 bushels 23½ lbs., probably never equalled by any variety. The straw is strong and stiff, holding its long heads of plump, white grains without lodging, remarkably free from rust, and ripens very early. Having secured a choice lot of seed, we are enabled to make a popular price. One lb. by mail, 20c.; by express or freight, peck 45c.; bu. $1.15; 2 bus. $2.00, bag included.

WIDE AWAKE. Some Swedish emigrants brought with them this oat, considering it the best in Sweden. It has proved remarkably productive in America. The grain is plump, heavy, very handsome, meat large, with thin husk, weights about 40 lbs. per measured bushel. The straw grows 4½ to 5 feet tall, free from rust, very stiff, seldom lodges. The heads are very long and well filled. 5,018 lbs. have been grown from 100 lbs. seed. This gave the largest yield of any variety at the Ohio Experiment Station in 1888. Per lb. by mail, 20c.; by express or freight, peck 45c.; bu. $1.15; 2 bus. $2.00, bag included.

NO GOODS SENT C. O. D. Under any circumstances. Please don't ask it; it makes extra work for us and needless expense to our patrons.

American Triumph. *Pringles.* This is a grand oat. The best field of oats we have known of in this vicinity the past season was the field in which our seed was grown; yield 70 bushels per acre. Straw tall but stiff, does not lodge, heads very long and full, grain large and plump. This oat is grown quite extensively in this vicinity, and is in great demand at our Oat Meal Mill on account of its fine quality; weight of level bushel as it comes from the thresher, about 38 lbs. We highly recommend this to our patrons. Lb. by mail, 20c.; by express or freight, peck 40c.; bu. $1.00; 2 bus. $1.75, bag included.

Clydesdale, or *Race Horse.* A very early variety, weighing 45 lbs. and over per measured bushel. Well cleaned, samples have weighed over 50 lbs. The straw is straight and stiff, holding up well its immense branching heads, 20 inches in length, with rather short, plump grain. In yield it is not excelled by any variety. It is reported as having yielded from 90 to 100 bushels per acre. Lb. by mail, 20c.; by express or freight, peck 45c.; bu. $1.15; 2 bus. $2.00, bag included.

BUCKWHEAT.

New Japanese. This new variety far excels all other buckwheats in earliness, productiveness and size of grain. We offer but this kind, as it is so much superior that no one should think of sowing any other. Although the price is a little higher per bushel, it is as cheap as any. On account of its wonderful branching habit, it should not be sown as thickly. The straw is much stiffer, and stands up better than other kinds. Two weeks earlier than Silver Hull, and will yield double, and makes the very best flour. One lb. by mail 20c.; by express or freight, 1 qt. 10c.; 4 qts. 30c.; peck 50c ; bu. $1.75; 2 bus. $3.00.

BROOM CORN.

Improved Evergreen. Straw long, fine, erect and free from crooked brush. Never turns red in the field. Pkt. 5c.; qt. 20c.; peck $1.00.

Extra Early Japanese. New. The earliest broom corn in existence, matures in about 75 days. Can be planted after wheat with good success; withstands drouth better than other kinds. The brush is very long and fine. Pkt. 10c.; pt. 25c.; qt. 40c.

SUGAR CANE.

Early Amber. This is the very best for sugar, especially in the Northern States. It matures early, and is very sweet. It is a profitable crop to grow for its seed, also for its great yield of excellent forage, either dried or put in the silo. Pkt. 5c.; qt. 20c.; peck 75c.; bu. $2.00.

KAFFIR CORN.

This is a variety of sorghum recently introduced, and is becoming popular not only as a forage plant, but on account of its grain, which can be used for all purposes for which wheat is used. The flour is similar, and is especially fine for biscuit and griddle cakes, by some thought better than buckwheat. The grain is also excellent feed for fowls and all kinds of stock. It grows very stout, 5 or 6 feet high, with a great many long, broad blades. The whole being sweet and tender, it is eagerly eaten by all kinds of stock, either green or dry, or in ensilage. If cut before quite full grown, new shoots will appear and produce a second crop. It continues to grow through the most severe drouths. By mail, prepaid, ¼ lb. 10c.; lb. 25c.; by express or freight, qt. 15c.; peck $1.00.

THE POTATO.

We have made a specialty of growing potatoes for seed for many years, testing nearly all the kinds offered in the time, obtaining our first seed from the originators or introducers, to insure their being true to name, and no pains have been spared to keep our stock unmixed. As a consequence the thousands of bushels of potatoes we have sold for seed have given the highest satisfaction, and we shall relax no effort to serve our patrons well in the future.

We are in a specially favored locality for the production of not only *Good Seed Potatoes*, but the finest table potatoes known, always commanding the very highest price in the market. As a consequence, thousands of car loads are grown, and shipped from this county annually, and the Seed Potatoes grown here produce as good, if not better results than those of any other locality, whether North, East, South or West. *Reasons for this* are: we are elevated above sea level from 1,000 to 1,260 feet; the most elevated point in Ohio is in this county. The water from one point of our farm goes into Lake Erie, from another part into the Ohio River. This high elevation, combined with a soil specially suited to the growth of the potato, is a combination found nowhere else. As evidence that our Seed Potatoes give the very best results, we here give a few testimonials.

"Our exhibit of potatoes last year was the finest ever shown at our fair. We took a $100 prize on account of them." O. D. Crane, Sec. Progressive Farmers' Club, Coopersburg, N. J.

We supplied them with 177 varieties to grow their exhibit from.

"I have a choice lot of seed of all kinds of Potatoes, saved from seed from your house the last planting."
N. J. DePuy, Parma, Mich., 2-12-89.

"I got eight first premiums at Salem fair on potatoes raised from seed you sent me. The eight different kinds, without any super-extra cultivation, averaged at the rate of over 500 bushels per acre."
Rev. A. Miller, N. Georgetown, Ohio, 1-28-89.

"Although we had a terribly dry season last year, the 10 varieties of potatoes I got of you yielded the best of any I planted. I now send for four more varieties, because I know I can get them of you cheaper and in better condition than anywhere else."
R. M. Pritchard, Pender, Neb., 2-9-89.

"The seed potatoes purchased of you last Spring did well considering the unfavorable season. Up to the time that the rust came I never saw potatoes do better, and I got some fine tubers that took first premium."
E. T. Burnham, South Hollis, Maine, 11-18-89.

"The potatoes I bought of you last Spring pleased me so much, I had to sent you my order this Fall to make sure for next year."
B. O. Donnell, Cumberland, Md., 10-15-89.

WE COMMENCE SHIPPING as soon, in our judgment, as all danger of freezing is over, unless otherwise ordered. We assume no risk of freezing.

OUR SOUTHERN TRADE supplied for early Spring planting by watching the weather, and shipping between "blizzards." We also for early shipment line the barrels with heavy paper, which is a great protection against frost. Our stock consists largely of early varieties, such as Southern growers require for shipping North; we hope to greatly increase our Southern trade. There is no place on earth where Southern planters can procure seed potatoes that will give better results.

EARLY ORDERS are desirable, as the potatoes can be packed all ready for shipment before shipping time, which will greatly facilitate our Spring work.

THE REDUCTION OF POSTAGE will be of great benefit to those living at a distance, as Potatoes can now be sent by mail to the Pacific States for about one-half they can by express, and for some less to all points beyond the Mississippi River, and far South points. We can also send four pound packages to any post office in the Dominion of Canada.

SUBSTITUTING is never done without permission. Although we have a good stock of the leading varieties of early potatoes, it is not inexhaustible, and as there are several of the early potatoes that are nearly

alike in quality and productiveness, viz: Early Maine, Early Sunrise, Nott's Victor, Sunlit Star, Thorburn and New Queen, we ask our patrons to name their second and third choice or allow us to fill the order with some variety equally as good, if the kind ordered is all sold. This will save much delay and for early market there is but little difference in the kinds mentioned.

SPECIAL OFFER. If ordered early so they can be put up befor shipping time, we will make up barrels of potatoes of as many kinds as desired. 1 bushel of a kind at ⅓ and 1 peck at 1-10 of the barrel price. When bushel price only is given deduct 10 per cent. for one bushel. 1 peck ¼ bushel price. Our regular barrel will hold 10 to 11 pecks of assorted kinds. We can use sugar barrels that will hold 12 to 15 pecks, according to how many kinds are put in. There is no danger of the kinds getting mixed. We mark the head to take out: "*Open this end.*"

COLLECTIONS. Those desiring to make collections for exhibition or other purposes can select from all varieties priced 10 cents per pound; 10 lbs. or more at 8 cents per lb.; 25 lbs. or more at 7 cents per lb.; 50 lbs. or more at 6 cents per lb. In collections consisting of not less than 10 varieties those priced at 15 cents per lb. and over may be included at 5 cents less per pound than list price. Each variety correctly labeled and packed to go by express or freight.

DESCRIPTIONS. To save space and avoid repetition in our descriptions, we use the abbreviations V, E. for very early, E. for early, M. for medium, L. for late, to denote the relative time for ripening. P, 10; P, 6; &c., to denote the relative productiveness. G, 10; G, 6, &c., to denote the relative quality as they appear to us, from repeated tests. In describing the form, the first term used denotes the shape of the potato as viewed from the broad side, the second term is the form of the cut surface if the tuber was cut crosswise in the middle. There is no guess work in our descriptions, as when making them we always have a few samples of the variety before us, and every description is our own unless quotation marks are used.

When comparing our prices of potatoes with those of others, **remember** we use large barrels (flour size), holding nearly three bushels by weight, while most dealers use barrels holding from 2½ to 2¾ bushels.

Please take into consideration that this season we catalogue only about one-half of the varieties we did last year. We discarded every kind that was not nearly perfect in productiveness and quality, reserving only the cream of all varieties now known; hence all we now offer rank high in the standard of excellence.

CHOICE NEW VARIETIES.

The People's. A new variety, originated in Minnesota, never offered for sale till this season. Description—M., round or oblong, oval, skin creamy white, very much russeted; eyes few and even with the surface, giving it a handsome, smooth appearance; size large, a very strong grower, and remarkably productive. We think it will bear to be classed as P. 10; G. 10, making it one of the nearest perfect potatoes of medium season.

Mr. J. W. Baker, who grew our stock of this variety, says: "I have nearly all the novelties, but I think The People's is the finest I ever saw, a grand keeper; some the first of June had no sprouts yet. Perfect form, shallow eyes, creamy netting, white as chalk inside, excellent quality, season medium and a remarkable yielder." They have been kept perfectly till long after new potatoes were in the market.

Thomas Craine, of Wisconsin, originator of the Potentate, Bonanza and others, says: "*The People's* is the best eating of 40 varieties."

Mr. Smith, of Vermont, originator of the Polaris, raised from 3 eyes 6 lbs. 5 ozs. large, smooth tubers, and predicts a grand future for them. Wherever tested they have proved very productive and of fine quality. One says, "They surpassed Polaris, New Queen, and a dozen other kinds; are very large, smooth, but few small, and of the finest quality." We catalogue this because we believe it is a first-class potato in every respect, and are glad of the opportunity to offer it to our patrons. By mail, lb. 50c.; 3 lbs. $1.25; by express or freight, lb. 40c.; ½ peck $1.25; peck $2.00; bu. $6.00.

Rodger's Seedling. A new variety from Vermont. A seedling of the Beauty of Hebron, but earlier and a better yielder; first offered last season. Description: V. E., oblong to long, oval, skin light rose, nearly white, considerably netted; eyes plenty, nearly even with the surface; size medium to large, vines vigorous. P, 10; G, 9. It is a remarkably smooth, handsome potato, and cannot fail to become a leading variety. May be classed with Clark's No. 1 and Early Rose in their best days. All should try it.

Way. New, now first offered. A sport from the Beauty of Hebron that has been grown by one of our prominent potato growers for three or four years. Its yield is fully double that of Beauty of Hebron, tubers much larger and more uniform in size. Description: E., long oval or oblong, skin pure white, finely netted; eyes plenty, some prominent, others smooth or slightly depressed; size large, vines vigorous and stocky; P. 10; G. 9. We regard this as a very excellent potato, one that all should try.

Chautauqua. A new variety of great merit. M., long, round or oval, skin rose color, mottled with deep red; eyes numerous, prominent; size *large* to *very large*, vines large and stout, standing upright. One of the most productive of all, and of fine flavor and appearance. This combination of qualities cannot fail to make it a desirable variety. Stock very limited; early orders will take them.

Rural New Yorker No. 2.—This new potato, introduced in 1889, is proving to be one of superior excellence. Description: M., oblong, round or oval; skin pure white, netted; eyes few, and even with the surface; size large to very large, vines thrifty and strong. In productiveness and quality it is scarcely equalled. This originated at the *Rural New Yorker* experiment grounds, and was tried several years in comparison with the best known varieties, until it was believed to be "*better than any of the kinds already in the market.*"

Badger State. New, first offered in 1889. Originated in Wisconsin from a seedball of the Burbank. Description: M. long, somewhat pointed, oval, skin white, some netted; eyes plenty, mostly prominent; size large to very large, vines strong. In productiveness one of the very best, and may be classed P. 10; G. 9. The originator says: "It is one of the largest yielders among 200 varieties. The tubers average large to very large. The skin is firmer than most sorts." This will be found an excellent variety to take the place of Burbank or White Star, as it will yield very much more.

Hampden Beauty. This comparatively new variety originated in Vermont from the Beauty of Hebron. Description: E., oblong, oval, skin white, finely netted; eyes plenty, even with the surface; size medium to large, vines stocky and thrifty. P. 9; G. 10. This is a beauty; besides, it combines all the essentials of a first-class potato. All who have grown it speak of it in the highest terms. One says: "Among all the earliest this season, Hampden Beauty is my favorite. On new sod they surpassed Polaris, New Queen, Puritan and all."

Halo of Dakota. V. E., long, oval, skin nearly white, but slightly shaded with light pink, finely netted; eyes plenty and very smooth, giving the tubers a remarkably smooth and handsome appearance; size large, vines vigorous and stout. This we must class as P. 10; G. 10, or about perfect in all respects. It is one of the finest baking potatoes we have ever seen. Seed limited. Our friends will miss a good thing if they do not order some of this early. If we have ever had anything that disputes the position of Lee's Favorite for first rank, it is this and Polaris.

New Queen. New. V. E., long, round or oval, skin light flesh color, more or less tinted with light rose; considerably russeted, especially towards the seed end; eyes quite numerous, full and prominent. Medium to large size. P. 10; G. 9. This is a seedling of the Beauty of Hebron, and altogether it is a very handsome and attractive potato of excellent quality. This is a potato that after two years trial we can heartily recommend as one of the very best of its season.

Polaris. New. V. E., oblong to long, oval, skin white, finely netted; eyes plenty, some prominent, others slightly depressed; size large to very large, vines thrifty and stout. We class it as P. 10; G. 10, or about perfect. The man who grew our stock for us this season has grown potatoes for us for 7 years. He says Polaris and Halo of Dakota are the best varieties he has ever grown for us. The Polaris yielded marvellously, considering the season, and we have a fine stock of seed for our patrons. Don't fail to secure some of it.

CHOICE EARLY VARIETIES.

Which include the very best standard varieties, with some newer kinds that are of superior merit.

☞For Prices see Price List of Potatoes.

LEE'S FAVORITE.

Again we place this superior potato of our own introduction in 1883 at the head of our list, and no new variety yet, thoroughly tested, has been found that can dispute its position as the best early potato. (Polaris and Halo of Dakota are its closest competitors, and may prove fully equal.) On the introduction of Lee's Favorite we gave the following description: "It is extremely early, being a week or more earlier than *Beauty of Hebron*, and two weeks earlier than *Early Rose*. It is of the *very best quality*; the *purest flavor* of all; cooks as white as flour, either baked or boiled. It is the most productive early kind we have grown, and will produce a large crop on ordinary farm soil, with common cultivation. The tubers are uniformly large size, smooth and handsome, and never hollow; it is rather long and somewhat flattened in form. Very distinct in color, unlike any other, being of a light flesh color, shading to pink about the eyes, which are nearly even with the surface. Its form, size and color make it beautiful and attractive." That it has sustained this broad claim the thousands of unsolicited commendations we have received from all parts of the country, and results of private and experiment station tests, are proof, and now, wherever known, it stands the highest of any early potato grown.

Ohio Experiment Station report for 1885 shows that of the 92 varieties tested, **Lee's Favorite** yielded at the rate of 423 bushels of marketable tubers per acre, being 60 bushels more than any other early potato, and 17 bushels more than any late variety.

So great has been the demand the past four years that we have not been able to supply it, and as we have less stock this year than last, we advise early orders.

From the thousands of high commendations of the excellences of Lee's Favorite we have on file, for want of space we give only a few received the past year:

"Lee's Favorite for earliness and good quality can not be equalled in any potato."
W. L. Chenowith, Denmark, Oregon.

"Lee's Favorite is still ahead with us; have had it since you first brought it out."
Mrs. G. Dunkes, Weston, Mo.

"Lee's Favorite is ono of tho best early potatoes we have ever tested at the station; it is equal to any in quality, and excels most other early kinds in productiveness."
W. J. Green,
Horticuiturist Ohio Exp. Station.

"The potatoes I got from you last spring were all right; the peck of Lee's Favorite was divided into five parts, 12 tubers in each. I raised three bushels from my twelve."
L. W. Carpenter,
Maxinkuckee, Indiana.

"Lee's Favorite are the best I ever raised. Don't rot when all other's will. The best and earliest potato in Vermont. Cooks as white as snow."
C. C. Griswold, Orwell, Vt.

☞Mr. Griswold grew from one pound of seed 250 pounds of fine potatoes the year we introduced them.

Northern Spy.—*Boleys.* New, introduced in 1889. No potato has ever been introduced that was so extensively advertised as this. Description: E., elongated oval, oval somewhat irregular in form; skin white, slightly tinged with pink; eyes few, mostly prominent or even with the surface, size large, vines stout and vigorous, growing upright. P, 9; G, 9. This is a good potato, and may on some soils prove exceedingly valuable.

Charles Downing. V. E., oblong, oval, skin white, netted, eyes few, very smooth, medium size, very handsome and of superior quality; vines strong, the very best and most productive of the snowflake family. P, 8; G, 10. Well spoken of by all who have tried it. Its excellent quality makes it very desirable.

Nott's Victor. V. E., oblong, nearly round, skin light russety brown, with faint mottlings of pink, eyes plenty, mostly even with surface, size medium to large, flesh white and mealy, vines medium height and healthy. P, 10; G, 9. This will by many be recognized as the one that made the astonishing yield at the rate of 1,100 bushels per acre at the Rural New Yorker grounds; a fine potato. Among the very best early sorts for market.

Crane's June Eating. V. E., oblong to long, oval to nearly round, skin white with clouds of light purple tint. Eyes not numerous, smooth, medium to large size; vines medium height but robust. P, 8; G, 10. A choice one, and is destined to become popular, as wherever tried it has given good results.

Early Maine. E., long oval, round or oval, somewhat irregular; skin light red, finely netted; size medium to large, eyes plenty, slightly depressed, vines large and stout. P. 10; G. 9. This gave the largest yield last season of any early variety we have, and is of excellent quality; we cannot too highly recommend this for early planting for market; where known it is taking the lead of all others for that purpose.

Early New Zeland. *New.* V. E., oblong, nearly round, skin light red, some russeted, eyes plenty, rather small, and even with the surface; size medium, vines short and stout. P. 9; G. 10; the tubers are remarkably handsome and attractive and the past season was the *very earliest to ripen*, quality of the best; our stock of this is limited to a few bushels; early orders will take them.

The Thorburn. E., oblong, oval, skin white, slight purple tint, eyes few and smooth, size medium to large, vines stocky, medium height. P. 9; G. 10; this is a pure seedling of Beauty of Hebron, and in general appearance it is similar It however grows larger and more uniform in size, and is far more productive, a grand potato.

Puritan. E., long, oval, skin pure white, eyes large, even with the surface, size medium to large, vines upright and vigorous. P. 9; G. 10. This is a fine table potato, and will please the planter.

Summit. E., long, oval, skin buff, with some pink tint, especially about the eyes and seed end, eyes not very numerous, large, some depressed, size from medium to large, vines vigorous and stout. P. 10; G 10; this is one of the very best of recent introduction in all respects; in fact it is about perfect; it is early but not very early, ripens about with Early Rose, is an excellent keeper; this gave the remarkable yield of the rate of 1,210 bushels per acre, at the Rural New Yorker Experiment Grounds. The Summit now ranks as one of the very best, second early potatoes, no variety has made a better showing at the Ohio Experiment Station.

Ohio Jr. V. E., oblong, oval, skin light red, eyes plenty and even with surface, medium size, vines rather short, but stout. P. 9; G. 9. This is a pure seedling of the Early Ohio, but with us it is more productive, does not grow scabby, altogether quite an improvement on its parent.

Clark's No. 1. E., long, round, skin light red, considerably netted, eyes plenty, some prominent, mostly smooth, size large, vines stout and vigorous. P. 10; G. 9 Few varieties either early or late as productive. Stands among the very best for early market.

Early Sunrise. V. E., long, round, skin light red, eyes numerous, little depressed, size medium to large, vines medium. P. 9; G. 9. In many sections of the country this is considered the best early variety, and is very popular for early market or home use.

Sunlit Star. V. E., oblong to long, oval, skin light flesh color, with pink eyes, which are plenty, nearly even; size medium to large, vines rather short but strong. P. 9; G. 9; very fine and much resembles Lee's Favorite, although said to have been grown from a seed ball sent out from the "*Seed House*" at Washington.

Tonhocks. New. V. E., oblong, flattened oval, skin light flesh, shaded with pink, eyes not numerous and mostly even with surface, size medium to large, vines very thrifty. P. 10; G. 10. This is a grand potato that we have grown for two years. We now regard it as one of the very best very early potatoes; in the same field the past season, it outyielded the Summit. Stock very limited, all should get a few.

Everett. *New.* E., long round or oval, skin bright light red, thickly netted, eyes plenty and nearly even with the surface: size large to very large, vines rather short but stout and vigorous. P. 10; G. 9. This is a most excellent potato in all respects, and one of the most attractive in appearance.

Queen of Roses. E. oblong to long, oval, skin light rose color, slightly netted: eyes not numerous, some prominent, mostly even; size medium to large, vines medium, healthy. P. 9; G. 9. One of the very best of the rose family.

Crown Jewell. V. E., oblong, round or oval, skin nearly white, shaded with light pink, like Beauty of Hebron, finely netted; eyes few, nearly even with the surface, size medium, vines vigorous. P. 9; G. 9. This is claimed to be a seedling of Early Ohio. The introducers calls it a white potato, our seed came direct from them and ours are as described.

CHOICE M. AND L. VARIETIES.

Dandy. A now variety from Quebec, first offered in 1888; in form long, nearly round, some flattened, skin of the purest white, eyes not numerous, and very even with the surface, size medium to large, vines vigorous and healthy, scarcely excelled in productiveness, and most excellent quality. The introducer, Mr. Jarrard, of Maine, says: "It is a strong, healthy grower, a prolific yielder, not inclined to rot, cooks quickly and evenly, never hollow; for floury, texture and peculiarly rich, delicious flavor is not surpassed by any other for fall or winter use. The Dandy is eminently a potato for family use or for market." A *Dandy* indeed, and certainly one of our very best, in all respects.

Burpee's Superior. New, first offered in 1889. A seedling of the White Star, M., long, round, or slightly flattened, skin pure white, netted; eyes plenty, rather small, and even with the surface, giving it a very smooth handsome appearance, size medium to large; vines large and vigorous; tubers grow compact in the hill, cooks quickly and evenly, very white, mealy, and of fine flavor. A *superior* in fact, that we can recommend to all. It seems to have given universal satisfaction.

Cambridge Prolific. M., long, oval, skin white, thickly netted, eyes numerous and little depressed; size large to very large, vines very large and stout. P. 10; G. 9. We have grown this three years. We have had no variety that will produce more marketable tubers per acre. We advise market growers especially to try it.

Eno's Seedling. M., long, round or oval, rather largest at seed end, skin pure white, eyes not very numerous, rather small, mostly even with the surface, size large, vines large and vigorous. P. 10; G. 9. Flesh white and dry, one of the best.

Empire State. M., long, round or oval, skin pure white, eyes numerous, large to very large, some prominent, others even or little depressed; size large, vines very strong. P. 10; G. 9. Cooks white and dry, one of the best, combining productiveness and quality in a remarkable degree.

Fearnaught. *New.* M., long oval, oval or nearly round, skin white, with slight pink tint on the seed end, thickly netted, eyes plenty, some prominent and large, mostly very smooth, size large to very large, vines large and vigorous. P. 10; G. 9. Its combination of superior qualities makes it among the most desirable for market or home use.

Monroe Co. Prize. *New.* M., long, oval, flattened oval, skin white, finely netted, eyes not very numerous, mostly large and prominent, few slightly depressed, size large to very large, vines medium height, very stout. P. 10; G. 9. A good one that we have grown two years with excellent results.

Rose's 76. *New,* M., nearly round, oval, skin white, finely netted, eyes plenty, large and prominent, except on seed end they are some depressed, size large, vines vigorous and stout. P. 10; G. 9. A valuable market or home use potato.

White Seedling. L., very long with rounded ends, oval, skin pure white, little netted, eyes numerous and very smooth for so large tuber, enormous vines. P. 10; G. 9; a grand market potato, none more productive.

Why Will You Plant Burbank or White Star, when either of the above *nine varieties* will yield from two to three times as many marketable potatoes.

Alexander's Prolific. M. L., oblong, flattened oval, very uuiform in shape, skin pure white, finely netted, eyes few, quite large but even with the surface, size large, very small tubers, vines among the most vigorous. P. 10; G. 9; this is one of the handsomest of the round or oval white potatoes and second to no late sort in any respect. We anticipate a grand future for this.

Manitoba. *New.* M., long oval, flattened oval, skin white, very thickly netted all over, eyes plenty, large, distinctly marked but nearly even with the surface, size uniform, medium to large, vines stout and vigorous. P. 10; G. 9; very perfect in shape with great productiveness make it very desirable.

Nevada White. *New.* M., nearly round, somewhat flattened; skin white, netted; eyes plenty, some prominent, others slightly depressed; size large to very large; vines stout and vigorous. P. 10; G. 9. A remarkably promising market variety, nothing yielded better the past season.

Putnam. M. oblong, oval or nearly round, skin light flesh color, considerably russeted, eyes pink, not very numerous, large and some depressed at the seed end, size large, vines large and stocky. P. 10; G. 9; cooks white, dry and mealy, a splendid potato every way.

State of Maine. M. oblong, quite square cut at the ends, considerably flattened, skin very white, finely netted, eyes few and smooth; size large to very large, vines strong. P. 10; G. 9: no late variety better for home use or market. This is now grown for market quite extensively in this vicinity.

Thunderbolt. *New.* M, nearly round, slightly flattened, skin white, thickly netted, eyes few and nearly even with the surface, size large, vines large and strong. P. 10; G. 9; one of the most productive.

Lombard. *New.* L., short, oblong, oval; skin white, finely netted; eyes few, mostly smooth; size large to very large; vines very strong and vigorous. P. 10; G. 9. This is one of the very best round varieties of potatoes.

Why Will You Plant Mammoth, Pearl or Peerless, when either of the above seven varieties are far more productive, and of better quality. Try a few and see if it is not so.

Perfect Peachblow. *New.* L, nearly round or globe shape, skin russety white, eyes pink, very few, small, and even with the surface; uniform medium size, making a remarkably smooth and attractive potato; vines vigorous. This is a great improvement on the old Jersey Peachblow, being earlier, more productive, and of better quality; flesh pure white and mealy, and keeps perfectly till the new crop comes in.

Bonanza. M. oval or oblong, more or less flattened, skin light red, finely netted, eyes plenty, some prominent in clusters, others depressed, especially at the seed end; size medium to large. P. 9; G. 10; this we consider the best table potato of any of the late varieties, and retains its quality till new potatoes come.

Champion of England. *Jumbo.* M., nearly round or oblong, rather square cut at the ends, flattened, giving them a very chunky appearance; skin white, thickly netted; eyes plenty, mostly smooth, some depressed at seed end, size large to very large, vines vigorous and stout. P. 10; G. 9; a splendid market variety.

Lake Erie. *New.* M., long, nearly round, skin pure white, thickly netted; eyes numerous, small and even with surface; size medium to large; vines vigorous. P. 9; G. 9. A remarkably attractive, smooth white tuber.

Sylvan. M., long, oval, skin of the purest white, thickly netted, eyes few and smooth, vines medium heigh, and stocky. P. 9; G. 10; scarcely excelled in yield and in quality of the very best, either baked or boiled.

Stoors' Seedling. *New.* M. oval, considerably flattened, skin light red, thickly netted, eyes few, somewhat depressed, especially at the seed end; size large to very large, vines large and vigorous. P. 10; G. 9; for table or market it is one of the best.

Snow Queen. *New.* M., oblong, oval, skin white, thickly netted, eyes pink, plenty and even with surface, size medium to large, vines strong and vigorous. P. 9; G. 10; a very desirable variety in every way.

Potato Seed from the Ball. This seed is cross fertilized, and from different varieties, and will produce potatoes of a wide range of color and form. Some of them will be valuable new varieties. Sow the seed in a box and treat the same as tomato plants till 1½ inch high, then transplant a foot apart in good soil. Pkt. 25c.

THE FOLLOWING 30 VARIETIES,

Our supply of which is too limited to give space for description or offer in large quantity; they are mostly new, and all good to very choice kinds; by mail prepaid, 1 lb. 25 ets., 4 lbs. 85 cts.; by express or freight, 1 lb. 15c.

In collections of 10 or more varieties this list may be included at 10 cts. per lb:

Alexander's No. 1,
American Monarch,
Brownell's 55,
Barstow,
Cream of the Field,
Duchess,
Early Albino,
Gen. Logan,
Gen. Sheridan,
Gold Flesh,
Great Eastern,
Indiana White,
Marshall,
Mrs. Foraker,
Moor's Dakota Seedling,
Mitchell's Seedling,
Morning Star,
Minnesota Seedling,
New York State,
New Exmnius,
Ohio Fancy,
Perfect Gem,
Parson's Peachblow,
Peck's Son,
Rochester Favorite,
Seneca Red Jacket,
Thoroughbred,
White Flower,
White Lily,
Venango.

"The box of potatoes, 27 varieties, came safe to hand; am highly pleased with them; all in good condition." W. H. YOUNG & SON, Bremer, O., 4 15-89.

"One pound of Alexander's prolific potatoes, procured from you last Spring, carelessly cut to single eyes, planted in a row 32 feet long, yielded 162 lbs., all marketable except 3 or 4 lbs." J. H. CLARKE, Cahto, Cal., 2-4-89.

"Last year I exhibited 60 varieties of potatoes in peck baskets, and about 50 varieties the year before, and received the first prize each year for best collection at our fair. They were nearly all grown from seed bought of you. Enclosed is an order for a few more varieties." S. M. RIPLEY, Belleville, Ill., 2-15-89.

"The potatoes you sent me two years ago have done well." N. G. JEWELL, Hamilton, Ind., 4-10-89.

PRICE LIST OF POTATOES.

These prices are not binding only so long as our stock of any variety remains unsold, after which orders will be accepted and filled only at market rates. Should our prices be found higher on any variety than quoted by other reliable seedsmen, by naming the party offering them and the difference in express or freight charges will not more than overbalance the difference in price, they may be included in an order at the lower price quoted. We cannot, however, attempt to compete with ordinary farm grown stock, where little or no care is taken to keep them Pure and unmixed. Neither with the large quantities of potatoes that are shipped south for seed, and sold for Early Rose, made up of all early kinds that bear any resemblance to them. The profits of a crop from our seed at our price, will be far greater than to plant common mixed seed if it cost nothing.

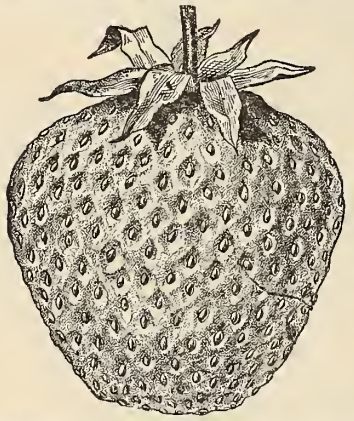
	By Mail.		By Express or Freight.			
	1 lb	4 lb	1 lb	1 pk	1 bu	1 bbl
Alexander's Prolific	25	85	15	60	2 00	....
Badger State	30	1 00	20	1 00	....	....
Badger State Peachblow	50	1 50	40	....	....	....
Bonanza	20	75	10	40	1 25	....
Burpee's Superior	25	85	15	60	2 00	5 00
Cambridge Prolific	20	75	10	50	1 50	4 00
Champion of England	20	75	10	50	....	....
Charles Downing	20	75	10	45	1 25	3 25
Chautauqua	25	85	15	75	2 25	....
Clark's No. 1	20	75	10	45	1 25	3 25
Crane's June Eating	20	75	10	50	....	....
Crown Jewel	20	75	10	50	....	....
Dandy	25	85	15	75	2 25	6 00
Early Sunrise	20	75	10	45	1 25	3 25
Early Maine	20	75	10	45	1 25	3 25
Early New Zealand	25	85	15	60	2 00	5 00
Empire State	20	75	10	45	1 25	3 25
Eno's Seedling	20	75	10	45	1 25	3 25
Everett	20	75	10	45	1 25	3 25
Fearnaught	20	75	10	50	1 50	4 00
Halo of Dakota	25	85	15	60	2 00	5 00
Hampden Beauty	25	85	15	60	2 00	5 00
Lake Erie	25	85	15	65	....	....
Lee's Favorite	20	75	10	50	1 25	3 50
Lombard	25	85	15	65	....	....
Manitoba	25	85	15	65	2 00	....

	By Mail.		By Express or Freight.			
	1 lb	4 lb	1 lb	1 pk	1 bu	1 bbl
Monroe Co. Prize	20	75	10	50	1 50	4 00
Nevada White	20	75	10	50	1 50	4 00
New Queen	20	75	10	50	1 25	3 50
Northern Spy. *Boley's*	25	85	15	65	2 00	5 00
Nott's Victor	20	75	10	45	1 25	3 25
Ohio, Jr	20	75	10	45	1 25	3 50
Perfect Peachblow	20	75	10	45	1 25	3 50
Polaris	20	75	10	50	1 50	4 00
Puritan	20	75	10	50	1 50	4 00
Putnam	20	75	10	50	....	....
Queen of Roses	20	75	10	50	1 50	....
Rodgers' Seedling	25	85	15	85	2 25	....
Rose's 76	20	75	10	65	....	....
Rural N. Yorker No. 2	25	85	15	85	2 25	6 00
State of Maine	20	75	10	45	1 25	3 25
Stoor's Seedling	20	75	10	45	1 25	....
Snow Queen	20	75	10	50	1 50	4 00
Summit	20	75	10	45	1 25	3 25
Sunlit Star	20	75	10	45	1 25	3 25
Sylvan	20	75	10	45	1 25	3 50
The People's	50	1 25	40	2 00	6 00	15 00
Thorburn	20	75	10	45	1 25	3 25
Thunderholt	20	75	10	50	1 50	4 00
Tonhocks	25	85	15	85	2 25	....
Way	25	85	15	85	2 00	5 00
White Seedling	20	75	10	50	1 50	4 00

AGENTS. We do not employ agents, but there are many who get up Clubs for our Seeds, Plants, Etc., and others sell stock they buy of us. Anyone out of employment and having the confidence of their neighbors, by taking advantage of our discounts and OUR POPULAR SPECIAL OFFER on Seeds in Packets, page 4, and selling at our regular list prices, can do well.

THE STRAWBERRY.

The first fruit of the season, so healthful, delicious and refreshing, and so easy of culture that no one should think of passing a single day, during the fruiting season, without a plentiful supply upon their table. We have to offer a fine stock of strong, healthy plants of the leading new and old varieties. Fortunately, we have this far been free from the crown borer so destructive in many sections, and all other insect enemies. This is a very important consideratiou to the purchaser, as the crown borer is certain to be carried with the plants. We make the lowest prices possible for good plants, true to label, properly dug, roots straightened out, tied in bunches and packed in good moss, as they should be. Although we will not attempt to compete in price with those who take little or no pains to put up their plants in good order. Our plants will be found less expensive in the end. We dig and ship as early as our season will admit, but we will not put up plants when they are wet or when it is too cold (as many do—rendering the plants worthless if shipped any distance), and by taking the utmost pains in packing, the plants we ship invariably reach their destination in all parts of the United States, Canada and Mexico in perfect condition. Hundreds of letters on file show this. We always plant strawberries late, and with good success, when we could pick ripe fruit from the plants. It is of great advantage to cultivate the ground several times before planting, killing nearly all the weeds, and saving much labor.



Hinman. We offer to the puo..c this new strawberry. It has as many, if not more, desirable qualities to recommend it as any variety now grown. It is a chance seedling that, from its vigorous growth and healthy foliage, attracted the attention of Mr. Hinman on his berry farm at Akron, O. He at once commenced propagating it, and for two years has marketed quantities of the fruit. It is preferred to all others by those who know it, and has brought the highest price. Mr Hinman, being a mechanic and fruit grower, has placed the stock in our hands for dissemination, and we named it Hinman. The plants are strong and vigorous, multiplying freely; foliage healthy, equalling the Crescent in productiveness, of much larger uniform size, holding its size to the last picking. They color all over at once, a beautiful bright crimson The fruit is firm. A sample sent us by express kept five days in better condition than Crescent would be the second day. If picked as soon as turned, they would carry any distance required In form they are all that can be desired, never misshapen. The cut, although made for another, represents the general shape as well as if it was made for the Hinman. The blossom is perfect, fully fertilizing itself, no matter what the weather is; never grows buttons, although it blossoms late and escapes late frosts, the fruit ripens medium early, with the Jessie. It does not require the especial petting that so many varieties must have to make them bear, but will produce a large crop of beautiful, large sized, fine flavored berries under ordinary field cultivation. As the stock is yet quite limited, we do not care to sell but one dozen to any one person, and then only to those who are willing to report as to its growth during the season of 1890, and again after it has fruited. Price $2.00 per doz . by mail or express. The real introduction year will be in 1891, when we hope to have a stock sufficient to supply any demand. Those who buy this year will have from 300 to 500 plants to start with in 1891. and the price will not be less than $1.00 per doz., $5.00 per 100.

Mr. W. J. Green, horticulturist, reports on plants sent to the Ohio Experiment Station: "The Hinman plants made a good growth. They have shown some tendency to rust, but are not seriously affected. I think there can be but little doubt that the plants are sufficiently vigorous and healthy."

Dr. Peter Collier, director of New York Experiment Station, reports: "The Hinman plants have made a very fine growth, both in stool and matted rows. It makes runners freely, and in comparison with Itaska, Logan, and Scarlet Queen, sent by you, and Sharpless, Capt. Jack and others of our own, it does not show rust enough to be noticeable above the others. We see no reason why it will not be a good thing if the fruit is as you say."

Knowing that all varieties of strawberries had shown more rust this year than usual, we asked in particular in regard to rust on the Hinman at both Experiment Stations.

"Having seen the New Hinman Strawberry, both while growing and after maturity, I take pleasure in bearing testimony to its excellencies. The plants are vigorous and hardy, the berries are all large, fine flavored and of good form, and it is a prolific bearer. In short, it seems to have all the qualities of a first-class strawberry." SAMUEL FINDLEY, Akron, O.

Mr. Findley was for years superintendent of the Akron City Schools, and is now editor and publisher of the *Ohio Educational Monthly*, and growing small fruits on his place adjoining Mr. Hinman's.

"The Hinman is another valuable addition to our large list of fine strawberries. In shape it resembles the Manchester, with the flavor of Jessie; very productive. Its firmness will render it one of our best market berries." A. TEEPLE, Fruit Grower.

Grocers of Akron, who have handled the Hinman, say: "The Hinman is of large size, good shape, bright color, and of the best quality and flavor." S. S. MILLER, E. LONG, E. H. HOFFMAN, A. F. BERGER, GEO. G. SCHAFFER.

Mr. Hinman says: "My seedling has fruited two years with nine or ten other leading varieties, and no other equals it in yield except Crescent. The fruit is very large, but very few small; good shape and color; ripens with Jessie; best quality, latest of all to bloom, blossom perfect. It is the safest berry to plant where there is danger of late frosts. I consider them the finest berry that came into Akron market this season, and I find no trouble to get recommends from those who have seen or tried them."

Warfield No. 2. We hear no unfavorable reports of this grand berry. It succeeds everywhere, and has already become one of the leading market berries. It is of good size, excellent flavor, dark brilliant red color; firm, one of the very best shippers, commands the best prices in market; blossoms pistillate, a wonderfully vigorous grower, making plants in abundance; perfectly healthy, ripens with the Crescent, but more productive, and holds its size better. If kept in hills its fruit is very large, scarcely equalled by the Sharpless, and of a much better form and color; surely a good one.

New Varieties. From among the many new varieties to be offered this spring, we have selected the following All are highly recommended, and claims supported by many testimonials, and we believe they are worthy of trial. Any orders given us for these kinds will be mailed, on receipt of the plants from the introducers for our own planting, as we expect to plant a quantity of each: **Mrs. Cleveland, Walton, Viola, Florence, Crawford, Mark** and **Sadie.** Each $2.00 per doz.

Daisy. This new berry, first offered last season, bids fair to be all the originator claimed for it. With us it made a splendid growth last season, showing vigor and healthfulness scarcely equalled by any variety. It runs freely and makes large, strong plants, and is free from rust. As we have not fruited it, we give the originator's description: "The Daisy is no novelty amateur berry, but especially adapted to the rough and tumble way of cultivation. It is a seedling of the Crescent, and will grow a larger crop of merchantable berries than any strawberry in cultivation. Is adapted to all soils; of Iron Clad hardiness, blooms late, therefore not liable to be killed by late frosts; berries uniformly large and hold their size to the last picking; symmetrical in form and of beautiful color; quality as good as could be desired; ripens with the Sharpless, and is firm." We feel confident that the Daisy will prove a very superior berry, as all reports seem to confirm what the originator claims.

Eureka. First offered in 1889. With us it made a wonderful growth of strong, healthy plants; no sign of rust; nothing more vigorous and healthy, although we have not fruited it yet. We are confident, from its growth and the reports that we get from those who have fruited it, that it will prove to be of great value as a commercial berry. It ripens late, and is of the largest size, of fine form, and remarkably firm, excellent in quality, blossom pistillate. No one wanting a fine berry to follow the early kinds should fail to plant a few Eureka's. It is recommended by such high authority as J. L. Budd, of Iowa; John Little, of Canada; T. T. Lyon, of Michigan.

Michel's Early. New. From Arkansas. As we have not fruited it we give the originator's description: "The earliest of all good strawberries known. Two weeks earlier than Crescent, and is as productive; a perfect bloomer. Size above medium to large, and very uniform, never running to small buttons; beautiful scarlet color, handsome conical shape, never irregular. Pronounced by all who have tasted it to be the finest quality, with the flavor of the wild berry. Plant vigorous and healthy, making numerous strong, deeply rooted plants; foliage large, and never a trace of rust or blight. Two and one-half acres planted in June, 1888, netted $1,300 before June 1st, 1889, some selling for $8.00 for 24 qts., on account of earliness. Try it; we make a low price for a new thing.

Logan. Plants are very strong, vigorous and healthy, bearing an abundance of fruit of the largest size, and of fine quality. This is one of the best of the very large varieties.

Jessie. This has not been found to adapt itself to all soils, but in many places it has shown itself to be all that its friends have claimed for it, and we would advise all to try it, as where it does do well it certainly, in all respects, is one of the best berries in existence, combining very large size with great productiveness, firmness, high quality and beautiful color.

Miami. New. Introduced in 1889 from Miami County, Ohio. Reports from many widely separated localities indicate that the Miami is one of the kinds suited to all soils. It is of very large, uniform size, very late, ripens all over at once, of beautiful deep crimson color, fine flavor, firm. Plant vigorous and healthy, and remarkably productive. As this combination does not exist in any other, it will fill a place unoccupied before, all other late kinds having some defect. We regard this as one of the best, and cannot fail to please.

Pearl. The growth, vigor and healthfulness of the plant is all that can be desired. Not fruited with us. The introducer says: "It is the most productive of all, the most uniformly large sized; symmetrically shaped and beautifully colored; more productive on poor soil without fertilizer than others on good land with fertilizer." This is highly spoken of by many horticulturists. It ripens early; blossom perfect; very promising.

Louise. A remarkably vigorous grower, making plants freely; foliage healthy, berries large, conical shape; bright, glossy crimson color, of superior quality, and *immensely productive*. Perfect blossom, ripens mid-season, holds its size well to the last. This is doing well everywhere.

Haverland. Of great value everywhere. It is a very vigorous grower, one more productive; fruit is very large, moderately firm, bright glossy crimson color, of good quality, ripens very early. This is a grand berry, one of the very best introduced for several years.

Gandy. This is not only valuable on account of its being one of the very latest to ripen, but it is a strong grower, fairly productive, fruit very large, bright color and of fine quality; will become a profitable market sort; no adverse reports on this; a good one, sure.

Bubach. This is one of the very best in every respect. No unfavorable reports from anywhere. The foliage is very large, dark green and healthy; growth strong and vigorous, producing plants plentifully. The fruit is of very uniform large size, fine form, bright crimson color, ripening all over at once, of excellent quality; begins to ripen with the Crescent, but continues a long time in bearing; very productive, holds its size well to the last picking. No one should fail to plant some of the Bubach.

May King. This in many respects is one of the very best. It is a strong, thrifty grower, one of the most productive; ripens very early, fruit good size, bright scarlet color, and of very superior quality. It does well everywhere; a good variety to fertilize pistillate varieties.

Miner. An old variety, yet one of great excellence, foliage large and healthy, plant vigorous and productive; fruit very large, dark crimson color, and of the finest quality. It stands drouth better than most kinds; very few of the new kinds better.

PRICE LIST OF STRAWBERRY PLANTS.

Prices here given are to go by express, charges to be paid by purchaser, 6 plants at doz. rate, 50 at 100 rate, 500 at 1000 rate; roots, nicely straightened out and tied in bundles of 25 or 50. **No charge for packing.**

Postage. Add 5 cents per dozen, 12 cents for 50, 20 cents per 100, if ordered sent by mail, or express, prepaid. This is less than the actual cost of *Postage* on good strong plants.

Those varieties marked (P) are Pistillate and require some Bisexual (B) variety planted near them.

	Pr. Doz.	Pr. 100	Pr. 1000
BUBACH No. 5 (P)	20	50	4 00
Burt (B)	20	50	4 00
Belmont (B)	20	50	4 00
Crawford (B)	75	4 00	.....
Cling to	75	4 00	.....
Crescent	20	50	3 00
DAISY (P)	75	4 00	30 00
EUREKA (P)	75	4 00	30 00
Florence (B)	2 00	....	.....
Gipsy (P)	25	75	5 00
Glendale (B)	25	50	3 00
Gandy (B)	25	75	5 00
HAVERLAND (P)	25	75	5 00
HINMAN (B)	2 00	....	.....
Jessie (B)	25	75	5 00
Kentucky (B)	20	50	.....
Louise (B)	75	4 00	.....
Logan (B)	50	75	5 00
May King (B)	20	50	3 00

	Pr. Doz.	Pr. 100	Pr. 1000
MIAMI (P)	75	4 00	30 00
MICHEL'S EARLY (B)	75	4 00	30 00
MRS. CLEVELAND (P)	2 00	....	.....
Miner (B)	20	50	4 00
Monmouth (B)	25	75	.....
Mark	2 00	....	.....
Ohio Monarch	75	4 00	.....
Ontario (B)	25	75	.....
PEARL (B)	25	75	.....
Parry (B)	20	50	.....
Phelps (*Old Iron Clad*), (B)	20	40	3 00
Pioneer (B)	25	75	.....
Sharpless (B)	20	50	3 00
Sadie	2 00	....	.....
VIOLA (B)	75	4 00	30 00
WARFIELD No. 2 (P)	25	75	5 00
Windsor Chief (P)	20	50	.....
WALTON (P)	2 00	....	.....

THE RASPBERRY.

The early varieties begin to ripen as the strawberry is just going out, and the later varieties carry the time up to the ripening of the blackberry. By planting several varieties there need be no day that the table cannot be supplied with delicious fruit. There is no fruit so desirable for canning as the Raspberry, as it retains its flavor to a greater degree than any other, and no fruit garden is complete without several varieties of this delicious fruit.

MUSKINGUM.

Now first offered to the public, although it has been fruited some ten or twelve years near the Muskingum river, in Central Ohio. It has remained unknown and unnoticed except in the immediate neighborhood, until recently. A few plants, however, were sent to the Ohio Experiment Station some time ago, and Mr. W. J. Green, horticulturist, says: "For market the Muskingum seems to be much superior to the Shaffer's, being firmer and of finer quality. It is about as firm as any of the Black Caps." Its habit of growth is similar to the Black Caps, and propagates from "tips" the same. It makes a beautiful bush; wood bright red, with white bloom, very firm, with but few thorns. The fruit is red, about the size of Gregg, very uniform in size, no defective berries, and entirely free from that "musky" odor found in some of the red varieties that is objectionable to a few people. It is very productive. Without extra care or cultivation it has yield-ed at the rate of 125 bushels per acre. It is perfectly hardy. Those who have known it several years regard it as the most hardy and productive red raspberry yet found, and for canning, jam and jelly, it has no equal among raspberries. The originator says: "It was first discovered by my children in the orchard, heavily laden with fruit. I transplanted it where it continued to yield immense crops of fine fruit of large size and good quality. It makes the strongest growth of canes of any raspberry I have ever seen, and the bush is entirely hardy."

Mr. Joseph Madison, of Coshocton county, Ohio, says: "A perfect Iron Clad; has withstood 32 degrees below zero without the least injury. Plants set ten years ago are yet healthy and bearing good crops of fruit. It has proved the most productive of any I have ever cultivated. The berry is large, of excellent quality, and will carry to market equal to any of the Black Caps."

Matthew Crawford says: "I have fruited the Muskingum two years. It is a good grower, perfectly hardy, and more productive than any other raspberry, black or red, that I have ever seen. The fruit is twice the size of ordinary Black Caps, quite globular in form, bears carriage well. The flavor is good, and the rich juice makes it very attractive when canned."

We have secured one-half of the stock of this valuable berry, and offer it at a very low price for so good a fruit. As the stock is quite limited it will probably require early orders to get any of it. Per doz. $1.00; per 100 $5.00.

Thompson's Early Prolific. That this raspberry combines extreme earliness, hardiness, vigorous growth and productiveness, with beautiful color, firmness and fine quality to a greater degree than any other red variety is proven by *thirty-two* testimonials from prominent men from all parts of the country, published by the originator. It is a good one; try it. Each 25c.; per doz. $2.50.

THE PALMER.

This possesses a combination of superior qualities not found in any other Black Cap. It is *Wonderfully Thrifty, Vigorous, Productive, Hardy, Early and of Best Quality.* It has stood 32 degrees below zero and endured heat and drouth unparalleled in the history of Ohio, and perfected its crop, and has not failed to produce a crop in the seven years it has fruited. It is very early, ripening with Tyler or Souhegan. Grown in the same field with all the well known varieties of Black Caps, it has never failed to produce 25 or 30 per cent. more than any of them. The Palmer has yielded 120 bushels per acre, all ripe before the first picking of Gregg. The claim of Iron Clad hardiness, early ripening, large size, good quality and great productiveness are substantiated by many of the foremost horticulturists. W. W. Farnsworth, secretary Ohio State Horticultural Society, says: "I have fruited it two seasons and am so well pleased with it, that I shall plant largely of it, and advise my friends to do the same." The following gentlemen endorse substantially all that is claimed for the Palmer: W. J. Green, horticulturist Ohio Experiment Station, Columbus, O.; E. E. Stark, of Iowa; B. F. Albaugh & Son, Miami County, O.; G. W. McClure, Illinois Experiment Station; Matthew Crawford, of Ohio; Bozanth Brothers, of Iowa.

Last season we were obliged to decline many orders for the Palmer, as the stock was not half equal to the demand, and from present indications the demand for spring, 1890, will far exceed the supply. We have secured quite a large share of the entire stock this season, and hope to be able to supply all, and yet we advise all to buy early. As we said to our friends last year, we say again, buy all you can get. Put your money into two or three hundred Palmers, rather into as many thousand of any other Black Cap except Hilborn. By mail, $1.50 per doz.; by express, $6 per 100.

Ada. A new *very late* variety originated in Hardin County, Ohio, where seven years of practical test has shown it to be entirely hardy. In vigorous growth, productiveness, size, quality and firmness, is not excelled by any variety. This will follow the Hilborn and extend the berry season longer than any other variety.

Hilborn. *New.* From Canada. Only a little behind Souhegan in ripening. Fruit jet black, nearly as large as Gregg and better flavor, a strong grower, perfectly hardy, few thorns, and very productive; one of the most desirable of the Black Caps in every respect, and decidedly the best second early known. Very showy, and brings the highest price in market.

"The plants you sent me came to hand. They are a fine lot, all No. 1. JOHN MCREYNOLDS, Trenton, Mo.

Golden Queen. The best of all yellow raspberries. Large size, mid-season, fine quality, bright creamy color, of very vigorous growth and hardy.

Marlboro. Fruit of the very largest size, of a bright scarlet color, excellent flavor, firm, a good shipper, canes very long and strong; foliage dark green, perfectly hardy, none more productive, and commences to ripen early.

Rancocas. It is one of the earliest, ripening all its fruit in a short time, large size, beautiful scarlet color, very superior quality; canes of medium size, perfectly hardy, healthy, and fairly productive.

Cuthbert. A strong grower, hardy, productive, fruit large, bright red, firm, fine quality, season medium till very late; good for market or home use.

PRICE LIST OF RASPBERRY PLANTS.

The prices given in this list are to go by express or freight, charges paid by purchaser. If ordered sent by mail or express, prepaid, add 10 cents per dozen, actual cost of postage.

	Pr. Doz.	Pr. 100	Pr. 1000
ADA, see des	1 00	4 00	.....
Brandywine, true, red, early	35	1 00	8 00
Crimson Beauty, early, red	35	1 00	8 00
Cuthbert, see des	35	1 00	8 00
Carman, early, black, good	75	3 00	.....
Gregg, late, large, prolific	35	1 00	8 00
GOLDEN QUEEN, see des	75	3 00	.....
Hansel, red, very early	35	1 00	8 00
HILBORN, see des	50	1 50	12 00
Marlboro, see des	40	1 00	8 00
MUSKINGUM, new, see des	1 00	5 00	.....
Nemaha, late, black	50	1 00	.....
PALMER, new, see des	1 50	6 00	.....
Rancocas, see des	35	1 00	.....
Shaffer, very large, red	50	1 50	.....
Souhegan or Tyler, early, black	35	1 00	8 00
Thwack, red, best market	35	1 00	8 00
Turner, red, for home use	35	1 00	8 00
Thompson's Early, see des	2 50	15 00	.....

THE BLACKBERRY.

This is another indispensable fruit, as it fills up the interim between the Raspberry and Grape, and should be found in every fruit garden. Those who depend upon the fruit dealers for their supply can hardly conceive of the luscious flavor of a well ripened Blackberry picked and eaten direct from the bush.

Early Mammoth. *Thompson's.* This new variety apparently belongs to the same class as the Wilson's Early and Jr., having the same trailing habit, but unlike them it is hardy, having stood for five years unprotected, with the mercury at times 25 degrees below zero. It is very productive, fruit of the largest size, glossy black, holds its color a long time after picking, sweet and delicious, core melting. It not only can be propagated from root cuttings but from the tips like raspberries. Each 60c. per doz. $5.00.

Minnewaski. This new Blackberry is a strong vigorous grower, and perfectly hardy here. No blackberry more productive, blossom perfect, berries are of the largest size and remarkably uniform, of a glossy black, tender, sweet, juicy, and of a fine aromatic flavor, no hard sour core, it ripens very early, a little before Wilson or Wilson, Jr. As it does not turn red by handling, it is a good shipping and market berry. It has stood the winters in Michigan and never been injured by cold at its home on the Hudson in New York. This is a good one, all should plant

Erie. This is without a doubt a seedling of the Lawton, having the same general appearance, in large growth of canes, size and form of fruit and great productiveness; differing, however, in beginning to ripen a little earlier, and the canes were never known to winter kill with the mercury 17 degrees below zero, the coldest it has been at its original home, while the Lawton was often killed. One of our correspondents in New Jersey says: "In point of *earliness, size, firmness* and *quality* I could see no material difference from Lawton, unless, perhaps, they were not quite so acid before fully ripe." The fruit when fully ripe is a shiny jet black, very sweet, melting, and of a delicious flavor.

Taylor's Prolific is another variety of very excellent quality, considered by some the best; fruit medium to large size, is quite productive, but not quite equal to Western Triumph, ripens late. It is nearly hardy; seldom injured here.

Stone's Hardy. It is the hardiest of all. "Iron Clad" never has been injured in the least here, and in Wisconsin it has never been materially injured, while the Snyder has been killed to the ground several times. It is far superior to Snyder in quality, size and productiveness. Fruit medium to quite large, very black, juicy, melting, the sweetest of all, excellent flavor, no hard core, season medium till late, canes rather short but stout, branching and dark red when matured. We have grown this since its first introduction, and, everything considered, it is the very best of all the older varieties.

Ancient Briton. This we regard as of the very best quality. It has the refreshing flavor of the very best wild berries to a greater degree than any other, unless it is Hoosac Thornless. It is quite sweet, but sprightly and melting, color purplish black, ripens early, berries rather long, larger than Snyder, far superior in quality, fully as productive, and nearly, if not quite, as hardy.

DEWBERRY.

Lucretia. The fruit ripens with the late raspberries, and before any other blackberry. Very large, often 1½ inches long by one inch in diameter, soft, sweet and luscious, no hard core. The plant is perfectly hardy and healthy and wonderfully productive. Reports from hundreds of horticulturists all over the country speak in the highest praise of the Lucretia.

"The strawberry plants received. They were very fine, and in the best condition I ever received any by mail." N. C. BLANVELT, Spring Valley, N. Y.

"Vines came all right, in excellent condition; they cannot fail to grow. Feel well satisfied."
C. KOONTZ, York Road, Md.

"I write to say that every root and plant I got of you grew, and has done well. When in need of more plants shall certainly buy of you."
S. H. MARSHALL, Viola, Iowa.

NO $10 WORTH of books give as much valuable information as does a yearly volume of POPULAR GARDENING, and this we give as a present. See page 4.

PRICE LIST OF BLACKBERRY PLANTS.

PRICES given are to go by express or freight, charges paid by purchaser. If ordered sent by mail or express, prepaid, add 10 cents per dozen, actual cost of postage.

	Pr. Doz.	Pr. 100	Pr. 1000
ANCIENT BRITON	50	1 50	12 00
Agawam, sweet, small, hardy	50	1 50	.....
ERIE	60	2 50	20 00
Early Harvest, not hardy here	50	....	.....
Freed, hardy, prolific, good	50	....	.....
Hoosac Thornless, best flavor	60	2 50	.....
Knox, very large, late, fine	75	....	.....
Lawton, not hardy, large, good	50	....	.....
MINNEWASKI	75	3 50	30 00
Snyder, hardy, prolific	50	1 25	10 00
STONE'S HARDY	50	1 50	12 00
Taylor's Prolific	50	1 50	10 00
Wallace, hardy, large, excellent	60	....	.....
Western Triumph, extra fine	50	1 50	.....
Wachusett (is not) Thornless	50	2 00	.....
DEWBERRIES.			
Bartle's	40	1 50	.....
LUCRETIA	50	1 75	15 00

THE GRAPE.

A fruit that no one should do without; it will give a larger return for the outlay and space they occupy than any other; can be grown by the side of buildings, fences, walks; many places can be found, even in city lots, where they can be grown without occupying but little room. Our space will not admit of more than a very brief description of a few of the new varieties.

Eaton. A new black grape, a seedling of the Concord. Leaf large, thick, leathery, covered on the underside with a thick, brownish yellow down. Bunch very large, compact, often double shouldered; berries very large, many one inch in diameter; round, black, covered with a heavy blue bloom; adheres firmly to the stem; skin thin, but tough, with no bad taste when eaten close, pulp tender separating freely from the seeds, and dissolving easily in the month. Very juicy, as good or better than Concord, with much less of the native odor. Surely one that all should have.

Moyer. This originated in Canada. The vine is a vigorous grower, short jointed, very hardy; exposed on the trellis with the mercury 35° below zero, it has not been injured. It is extremely early, ripening three weeks before Concord; sweet, tender, and good as soon as colored; hangs well to the stem; when over-ripe it will dry into raisins, often has three or four bunches on a single cane, making it very productive; skin tough but thin, color of the Catawba, covered with thick bloom, bunches medium size, compact, generally shouldered. This combines extreme earliness and hardiness with superior quality. We have heard much of this in the past three years, and feel that we can heartily recommend it to our patrons.

Diamond. (*Moore's*) A new white grape. "Cross between the Concord and Iona. Vine a vigorous grower, with large, dark, healthy foliage, free from mildew, very hardy, The parent vine has stood in open ground at Rochester, N. Y., for 10 years without injury from cold. It is a prolific bearer, bunches large, handsome and compact, slightly shouldered; color a delicate greenish white, with a rich yellowish tinge when fully ripe. Very few seeds, juicy and almost free from pulp. Berry adheres firmly to the stem; about the size of the Concord and ripens three or four weeks before. In quality it is very superior.

Niagara. Vine hardy, very strong grower, bunches very large and compact, berries larger than Concord, nearly round, light greenish white, semi-transparent slightly amber in the sun, never cracks or drops from the cluster, quality better than the Concord; very little pulp, melting and sweet to the center, ripens early, but will hang on the vine till frost without shriveling. We guarantee our vines to be genuine, and large healthy roots, grown from matured wood, out-door culture. At the low price we now offer them, everyone should at least plant a few.

Empire State. A new and valuable purely native grape, a seedling of the Hartford Prolific, crossed with the Clinton. It is described as being "earlier than the Concord, vines of vigorous growth, hardy in winter, foliage healthy, bunches large, from six to ten inches long, shouldered, berry medium to large, roundish oval, color white, with slight tinge of yellow, covered with a thick white bloom, flesh tender, juicy, rich, sweet and sprightly, without foxiness, even after ripening it hangs to the stem firmly a long time on the vine, and is a remarkably good keeper."

Witt. A new white grape of superior merit. A seedling of the Concord. Bunch medium to large, fine form, berries large, slightly oval, greenish white, with white bloom; skin thin, seeds few and small, pulp melting, flavor rich, sweet and sprightly, and seems to suit the tastes of all; vines vigorous perfectly healthy, and as hardy as Concord, and ripens as early. One of the best new grapes.

Nectar. (*Black Delaware*), seedling of Concord and Delaware crossed. In bunch and berry not quite as large as Concord, but compact and handsome; approaches Deleware in quality, adheres well to the stem, even when fully ripe, and is a remarkably long keeper; vine hardy, vigorous, healthy, and productive. A valuable addition to the list of black grapes for market and table use.

Jewell. New, extra early, and not only the first to ripen, but is the best of the early kinds, equal to the *Delaware* in quality, of which it is a seedling. Bunch and berry medium size, black, with heavy bloom. Skin thin, but tough, pulp tender, rich, pure, free from foxiness, vine vigorous, hardy, free from mildew and rot, and very productive.

Woodruff Red. A very valuable new grape, with very large bunch and berry, ripening a little before Concord, of most excellent quality, and an extra long keeper, vine vigorous, very productive foliage, healthy. This is highly commended by many prominent horticulturists for its fine quality and handsome appearance, no one should fail to plant this.

Lindley. (*Roger's No.* 9). This we consider the best of Roger's Hybrids. Cluster medium, long, shouldered, berries medium to large, ronnd, color dark red, darker than Catawba, flesh tender, sweet with scarcely a trace of pulp, possessing a peculiar rich aromatic flavor, ripens early, growth vigorous, and hardy; one of our best table grapes.

Poughkeepsie Red. "A cross of Delaware and Iona, vine resembling Delaware in wood and foliage, but a much better grower, will succeed where the Delaware will not. Clusters average from size of Delaware to twice as large, and in excellent of fruit is the first one ever introduced in America that can be called perfect." One of the very best table grapes.

Ulster Prolific. "A cross of the Catawba and wild grape. It has been pronounced by many horticulturists the 'best grape Caywood ever produced.' Persons visiting our grounds and tasting many varieties, generally exclaim 'the Ulster is the best;' ripens from the first to the middle of September, vines perfectly hardy, color red or coppery. It is the grape for the millions, and will supplant the Corcord,"

Early Victor. A very early black grape, vine hardy, productive and of very much better quality than Hartford, Champion or Ives, and ripening as early as any, it certainly must supersede them. We have fruited this three years, although small it is one of the most delicious.

PRICE LIST OF GRAPE VINES

Of the most popular old and new varieties. We can also supply any other variety desired, if ordered early, at regular prices. The prices given are to go by express; if desired sent by mail, add 5 cents each, 15 cents per half dozen, 25 cents per dozen. Two year vines are usually too large to go by mail. We will, however, send by mail, prepaid, when desired, all vines purchased at the "*each*" rate the price of which is 50 cents or over.

	ONE YEAR.			TWO YEARS.		
	Each.	Per Doz.	Per 100.	Each.	Per Doz.	Per 100.
Agawam (*Roger's No.* 15), red, medium early, large	$0 10	$1 00	$5 00	$0 15	$1 25	$6 00
Brighton, red, early, juicy, sweet, excellent, hardy	15	1 00	6 00			
Catawba, red, late, best quality	8	50	3 00	10	75	3 00
Concord, black, large, hardy, good everywhere	8	50	2 00	10	60	3 00
Delaware, red, small, early, excellent, one of the best	10	1 00	6 00	15	1 50	8 00
Diamond, (*Moore's*) *new*, see description	75	8 00	.....	1 00	10 00	.....
Downing, very large, white	1 50	15 00	.....	2 00	18 00	.....
Duchess, *new*, white, most excellent quality, good grower	15	1 00	7 00	20	1 50	8 00
Early Victor, *new*, black, see description	15	1 25	10 00	25	2 00	15 00
Eaton, *new*, see description	65	7 00	40 00	1 00	10 00	50 00
Eldora do, *new*, early, white, highest flavor, excellent	25	2 00	.....	35	3 00	.....
Elvira, white, hardy, good, productive, a fine one	10	50	2 50	15	75	3 50
Empire State, *new*, white, see description	25	2 50	15 00	30	3 00	20 00
Francis B. Hayes, *new*, white, see description	30	2 50	.....	40	4 00	.....
Hartford Prolific, black early	10	75	.....	15	1 00	.....
Highland, *new*, black, late, very large, fine flavor, good	30	3 00	.....	50	4 00	.....
Ives, early, black, hardy, productive	8	50	3 00	10	75	4 00
Jefferson, red, large, sweet, good	20	1 75	10 00	25	2 25	.....
Jessica, *new*, white, very early, hardy, sweet, good	35	3 50	.....	50	5 00	.....
Jewell, *new*, see description	1 25	12 50	.....	1 50	15 00	.....
Lady, early, large, white, hardy, excellent for table	15	1 50	10 00	25	2 50	15 00
Lady Washington, *new*, see description	20	2 00	.....	25	2 50	.....
Lindley, red, large, best quality, see description	10	75	5 50	15	1 25	8 00
Martha, white, early, hardy, very fine, very sweet	10	75	4 00	15	1 25	6 50
Moyer, *new*, see description	1 00	10 00	.....	1 50	15 00	.....
Moore's Early, black, see description	20	1 50	10 00	25	2 00	15 00
Nectar, *new*, see description	1 25	12 50	.....	1 50	15 00	.....
Niagara, *new*, see description	20	1 50	12 00	25	2 00	15 00
Pocklington, *new*, white, hardy, early, productive	15	1 00	6 00	20	1 50	12 00
Poughkeepsie Red, *new*, see description	30	3 00	.....	40	4 00	.....
Prentiss, *new*, white, late, excellent	15	1 50	12 00	20	2 25	15 00
Salem, red, large, early, good keeper, fine	10	75	4 00	15	1 00	6 00
Ulster Prolific, *new*, see description	35	3 50	.....	50	5 00	.....
Vergennes, red, hardy, a long keeper	20	1 50	10 00	25	2 50	.....
Wilder (*Roger's No.* 4), black, large, sweet, rich	10	1 00	6 00	15	1 25	8 00
Witt, *new*, see description	1 00	10 00	.....	1 25	12 50	.....
Worden, black, early, better and larger than Concord	10	1 00	6 00	15	1 25	8 00
Wyoming Red, early, hardy, sweet, very good	15	1 50	.....	10	2 00	.....
Woodruff's Red, *new*, early, very large, hardy, good, see descrip...	40	4 00	.....	60	5 00	.....

Our vines are grown in New York, near Lake Erie, in a soil and climate especially adapted to their growth, and are all grown from cuttings of mature wood or layers, outdoors. They are no cheap, poor, sickly, hot house, greenwood plants. (Such are dear as a gift.) Our vines are worth double any we have ever seen grown in New Jersey; they are graded to a high standard, large, well rooted and first-class in every respect, and always give satisfaction. We can furnish No. 2 vines of leading kinds by the 100 at about 25 per cent. below our prices, and they will be better than No. 1 vines grown in New Jersey and some other localities; especially is this true of the Concord, Delaware and Niagara.

GOOSEBERRIES.

If to go by mail add 10c. per doz. one-year plants, for *postage*. Two-year plants are too large for mailing.

Houghton. An old reliable sort, pale red, medium size, very productive, each 8c. 1 yr., doz. 50c.; 100 $3. 2 yr., doz. 75c.; 100 $4.

Downing. Large size, light green, juicy, excellent for home use or market, plant vigorous and productive. 1 yr., each 10c.; doz. 75c.; 100 $4.00. 2 yr., each 15c.; doz. $1.00; 100 $5.00.

Smith's. Large, oval, pale, yellowish green, sweet, excellent, exceedingly prolific. 1 yr., each 10c.; doz. $1.00; 100 $5.00. 2 yr., each 15c.; doz. $1.25; 100 $6.00.

Industry. A new foreign variety, fruited in this country several years, has shown no signs of mildew, fruit very large, donble the size of Downing, dark red, rich flavor, vigorous grower and immensely productive. 1 yr., each 20c.: doz. $2.00. 2 yr., each 25c.; doz. $2.25.

Triumph. A new American variety, of every large size, and an enormous bearer, does not mildew. 1 yr., each 50c.

CURRANTS.

If to go by mail, add 10 cents per dozen for one-year plants, for *postage*. Two-year plants are too large for mailing.

Price, unless otherwise noted: One-year, each 8c.; doz. 50c.; 100 $3.00. Two-year, each 10c.; doz. 60c.; 100 $3.50.

Cherry. Very large, red, quite acid, one of the best for jelly.

Versailles. Stems long, large red, very prolific, excellent quality.

Victoria. Very late, light red, very valuable sort.

Red Dutch. The old reliable variety, early, sweet, prolific, best flavor of all.

White Grape. Early, very sweet, fine flavor, nice to mix with the red for the table.

Lee's Prolific. Black, very prolific, but the effluvia is so bad that chickens will not eat it.

Fay's Prolific. Very large, stem remarkably long, early, a strong, thrifty grower and the most prolific. 1 yr., each 15c.; doz. $1.50. 2 yr., each 20c.; doz. $2.00.

DO NOT OVERLOOK Our Popular special offer of SEEDS IN PACKETS, page 4. Also special offer and collections of Potatoes, page 28.

NEW CURRANTS.

Ruby Castle. A new variety of remarkably vigorous growth, wood light colored and distinct, perfectly hardy, even in Canada, retains its foliage during the whole season. The fruit will hang on for weeks after ripening without scalding, growing larger and sweeter until dead ripe. In productiveness it is unequalled by any other red currant. The fruit is born on long stems, and in size nearly equal to the Cherry, but not as acid, requiring less sugar, making it an excellent table variety. We think no one will ever regret trying this. Each, 15 cts.; per doz., $1.25.

Wilder. New. A seedling of the Versailles. It is the most vigorous and productive of any of the red currants. Bunches very long and large; ripens same time as the Cherry and Fay Currants, fruit nearly as large and bunches larger, and of very superior quality. We have fruited it two years and we have none we think more of. 1 year plants, each 20c.; ½ doz. $1.00; doz. $1.75.

JUNEBERRY,

or Dwarf Service. This by many is called Upland Huckleberry, which it much resembles. The variety we have grows four to six feet high, is easy of cultivation, and flourishes in all soils, and produces annually a very large crop of rich purple fruit; mild, sub-acid, and delicious flavor. Price each, 15c.; per doz. $1.25.

FRUIT TREES.

We are prepared to fill orders for fruit trees of every description such as

Pear, Apple, Peach, Plum, Cherry, Quince, &c. &c., provided they are ordered before the middle of March. This will give us time to fill up from other nurseries such stock as we may run short of as we will not substitute early orders, unless permission is given. Orders received after March 20th, we reserve the right to substitute other varieties of the same season, and of equal value, unless the order distinctly states *No Substitution Allowed.*

As our prices are low, compared at least with the prices asked by *Tree Agents*, we are compelled to make a charge of 40 cents for putting up bales for shipment on orders of less than $5.00; on orders from $5 to $10 50 cts., all orders over $10, no charge.

We would recommend to those living at a distance the second sized trees, as it will save much in express charges, and in all respects give good satisfaction.

APPLES. Leading varieties for this section for market and home use: For summer, Early Colton, Red Astrichan, Golden Sweet, Sweet Bough, Duchess of Oldenburg. For fall, Maiden Blush, Ohio Nonpareil, Munson Sweet, Twenty Ounces or Cayuga Red Streak and Alexander. For winter, Grimes' Golden Bailey's Sweet, Belmont, Baldwin, R. I. Greening, Ben Davis, Rambo, Roxbury Russet, Fallawater, King, Mann, McIntosh Red, Tallman Sweet and Wagner.

CRAB APPLES. A Leading varieties.

Transcendent, Whitney's No. 20.

Hyslop. Price same as other apples.

PEARS. Leading varieties. For Summer, Lawson, Bartlett, Clapp's Favorite, Osband's Summer and Tyson. For Fall, Flemish Beauty, Boussock, Seckel, Sheldon, Beurre D'Anjou, Kieffer and Howell. For Winter, Lawrence and Mt. Vernon. And if a dwarf tree is wanted it should be Duchess De Angouleme.

PLUMS. Leading varieties. Moore's Arctic, Shipper's Pride, Lombard, Bradshaw, Imperial Gage, German Prune, Pond's Seedling, Shropshire Damson, Washington, Jefferson. All excellent varieties, but need care to guard against the curculio.

PEACHES. Leading varieties. Amsdem, Alexander, Barnard, Crawford's Early and Late, Foster, Red Cheek Melocton, Salway, Waterloo, Smock Free, Globe, Chair's Choice, Beers' Smock, Wager, Wheatland, Yellow St. John, Old Mixon Free, Lord Palmerston, Hill's Chili and Stevens' Rareripe.

We make you a present of POPULAR GARDENING this year. See offer, page 4.

CHERRIES. Leading varieties. Sweet; Black Tartarian, Rockport, Elton, Black Eagle, Napoleon and Gov. Wood. Sour: Early Richmond, May Duke, Louis Phillipe, Olivet, Dayton, Reine Hortense, Dyehouse and Montmorency.

PRICE LIST OF FRUIT TREES.

Standard Varieties.

This includes all the kinds above named except Early Colton, as well as other common varieties.

	Each	Per Doz.
Apple, 5 to 7 feet, select	$0 18	$1 80
" 4 to 5 " nice trees	12	1 25
Pear, 5 to 7 feet, extra select	45	4 50
" 4 to 5 " nice trees	35	3 00
Peach, 4 to 5 feet, best	12	1 25
" 3 to 4 " nice trees	10	1 00
Cherry, *Sweet,* 5 to 7 feet, select	30	3 00
" " 4 to 5 " nice	20	2 00
" *Sour,* 4 to 5 " select	30	3 00
" " 3 to 4 " good	20	2 00
Plum, 5 to 6 feet, on plum roots	35	3 50
" 4 to 5 " " " "	30	3 00
" Wild Goose on its own roots, two years, 4 to 5 feet	20	2 00

At these low prices long lists of single trees will not be put up at dozen rates. One dozen apple, pear or other kind must not contain over six varieties. Prices will be given on application for larger quantities of trees of all varieties. If ordered early, we can furnish all kinds of Nursery stock at lowest rates, for best quality.

NEW APPLES

Of Special Merit.

THE COLTON.

We again offer this excellent apple, with the assurance that it is the very best early apple known. It is *entirely hardy,* having been grafted in all parts of the country, and has stood the extreme cold of Minnesota, Wisconsin, New Hampshire. It is an *annual and abundant bearer,* never in its history, over half a century, has it been known to entirely fail of a crop. It is VERY EARLY, beginning to ripen so it is good to eat *ten days* or more before Red Astrichan or Early Harvest, and continues to ripen for some time, making it very valuable for family use. It is of *beautiful appearance,* form regular, nearly round, of quite uniform medium size, color yellowish white, with a slight tint of carmine where exposed to the sun, much like Golden Pippin or Belmont in color, and fully equal to them in quality. Owing to its fine quality it sells higher than any other in market.

"Several years ago I bought some apple trees of you. They are a little on the dwarf style, thrifty, bear young, apples very fine, large, very early, nearly white. I admire them. Please give me name." E. V. RHODES, St. Paris, O.

They were the Colton. We sold him 50 more trees to plant himself.

"The Colton trees came all right. I was quite agreeably surprised at the quality and quantity for the money sent, a third more than I expected, and much larger, and as nicely rooted as any I ever got anywhere. Please accept thanks." ED. C. LANTZ, Winchester, Ind.

First-class 5 to 7 ft. trees, each 20c.; per doz. $2.00; 4 to 5 ft. trees, each 15c.; per doz. $1.50. Nice well rooted slim trees, such as referred to above, 4 to 5 ft., each 10c.; per doz. $1.00.

Root Grafts, 50c. per doz.; $3 per 100, by mail if desired.

Cions, *or Grafts.* Counting 3 or 4 good well matured buds each, 25c. for 25; 75c. per 100, prepaid by mail; $5 for 1,000 by express.

Loy. Tree a good grower, hardy, early and annual bearer. Fruit medium size, core small, quality the best, an extra long keeper. At the New Orleans Exposition it was awarded the prize for the best new apple. 2 year trees, 4 to 5 ft., 50c.: 1 year, 2 to 3 ft., 30c.

The Following Varieties. First-class trees 4 to 6 ft., each 25c.; per doz. $2.50; one year trees, 1 to 2 ft., each 15c.; per doz. $1.50. The latter by mail by adding 5c. each, 20c. per 6, 35c. per doz.

Ivanhoe. Medium to large, deep golden yellow when mellow, flesh tender, flavor excellent, tree vigorous, bears early and abundantly, one of the longest keepers; apples hang to the trees till very late. Don't fail to try this.

Gano. Tree very healthy, vigorous, has stood 32° below zero without injury, an early, annual and prolific bearer; color bright red on yellow ground, large, oblong, surface polished, flesh white, fine grained, tender, pleasant, mild sub-acid, season February to May.

Red Beitigheimer. From Germany, one of the *largest, handsomest* and *best* fall apples. Skin cream colored, shaded with bright red, flesh white, with a brisk sub-acid pleasant flavor. Tree hardy and vigorous, very productive.

Salome. Very uniform, medium size, fine quality, fruit keeps until midsummer, with ordinary care. Tree a strong grower, an early and annual bearer.

Martha, Crab Apple. This is one of the most beautiful of apples. The ground is of a bright yellow, nearly overspread with light bright red; it is of good size. Its beautiful bloom, and more beautiful fruit, makes it an ornamental as well as useful tree.

Arkansas Black. The tree a splendid upright grower, fruit medium to large, fine form, beautiful, almost black color. Flesh yellow, slightly sub-acid, one of the best cooking apples; season January to July.

Wolf River. A very hardy new apple from Wisconsin, uninjured in their severest winters. Fruit very large, specimens have weighed 27 ounces, round, flattened, highly colored with stripes and splashes of red. Season fall and early winter.

Hyde's King of the West. Very large, yellowish green, keeps the year round, apples of two years' growth have been exhibited in January in good condition.

The following are all fine new varieties, but we cannot give space to describe them. Same price as above. N. W. Greening, Yellow Transparent, Indian, Sutton Beauty, Clayton, Longfield, Grand Sultan, Delaware, Red Winter.

NEW PLUMS.

Hawkeye. The largest of all of our native plums, of a light mottled red color, of very superior quality for eating out of hand or for canning; season last of August and fore part of September; tree hardy, thrifty, foliage heavy, a very heavy annual bearer, no "off years," fruit firm, will carry well to market. The originator, in Iowa, sold his crop at $5 per bushel the past season. We glean from testimonials, from the very best authority: "The finest plum that I have yet seen." "I am glad to see such fruit." "It discounts all other plums yet brought to notice." "Very much better than Lombard." Added to this it is not injured by the curculio. No order for fruit trees complete without a "Hawkeye." 4 to 5 ft., $1.00 each; 3 to 4 ft., 75c. each.

The following native varieties are not materially injured by the curculio, all hardy and good bearers:

Pottawattamie. A distinct variety of native plum. Fruit yellow, shaded with bright pink, with white dots; flesh golden yellow; excellent, tree hardy, and an immense, early, annual bearer. 4 to 6 ft. trees, 40c.; 3 to 4 ft., 30c.

Garfield. New, very late, prolific, red, good. Same price as above.

Spaulding. Large, marbled, yellowish green; flesh pale yellow, firm, rich, very sweet. 3 to 4 ft., each, 50c.; 4 to 5 ft., 50c.

Mariana. Early, large, round, red, very early bearer, and productive. 4 to 5 ft., each 30c.; 3 to 4 ft., 25c.

Robinson. Fruit medium size, bright red, sweet, juicy, rich; yields enormously, bears very young. 4 to 5 ft., each 30c.; 3 to 4 ft., 25c.

Rolling Stone. Wolf. De Soto. 4 to 5 ft., each 30c.; 3 to 4 ft., 25c.

POPULAR GARDENING answers all enquiries of its subscribers. It will help to grow better fruits and vegetables. Free with $4 orders. See page 4.

Botan, renamed "*Abundance.*" A splendid plum, early and prolific bearer; fruit very large, bright cherry color, with white bloom; flesh light yellow, juicy, and delicious; one of the very earliest to ripen. 4 to 6 ft., 50c.; 3 to 4 ft., 35c.

The following 4 to 5 ft. trees, each 30c.; 3 to 4 ft., 25c.:

Prunus Simoni, or *Peach Plum.*

Prunus Pissardii. Purple-leaved Plum.

Ogan. Similar to Botan, except in color, which is yellow.

Arkansas Lombard. Yellow, with red blush; firm, meaty, and luscious; one of the most promising plums.

NEW PEACHES.

Wonderful. A strong vigorous grower, an annual and prolific bearer; season late after Smock, a perfect free stone, pit small, flesh yellow, rich, high flavored and firm, color golden yellow overspread with carmine, beautiful, size large to very large; specimens have measured 11 inches around. 4 to 5 ft., 50c.; 3 to 4 ft., 40c.

Lemon Free. This new peach originated in northern Ohio. Very large, bright yellow, skin and flesh perfect, free stone, best flavor, small pit, tree hardy and productive; ripens last of September. We have seen no other peach to compare with it in its season, in size, beauty, and quality. A grand acquisition. 4 to 5 ft., 25c.; 3 to 4 ft., 20c.

Ellison. A distinct variety, reproducing itself from pits. An annual bearer, always loaded when no others are bearing. A beautiful yellow fleshed peach, as large as Late Crawford; ripens a little earlier. Skin yellow, with a rich blush; the bark on the new growth is green. The tree is as hardy as the oak. The trees we offer are grown from pits by the introducer from the first trees that fruited. Beware of budded trees. Those who know the Ellison best are planting them by the hundred. First class. Each 25c.; per doz., $2.50; per 100, $18.00. Order early.

THE QUINCE.

Orange (*or Apple*). The old, best known standard variety, good size, rich, orange yellow, fine flavor, ripens early. 2 to 3 feet, 25c. each; $2.50 per doz. 3 to 4 feet, 30c. each; $3.50 per doz.

Rea's Mammoth. A seedling of the Orange; larger size, a more vigorous grower, and more productive, by some considered the best of all quinces. 2 to 3 feet, 30c; 3 to 4 feet, 40c.

Meech's Prolific. A new variety of remarkably vigorous growth. Marvelous productiveness, superior quality, beautiful pyriform shape, with skin of a lively orange yellow, and cooks soft and tender; ripens mid-season. 1 year trees, 2 to 3 feet, 30c. each; 2 year trees, 3 to 4 feet, branched, 40c.

Champion. Ripens very late, fruit very large, blights badly, same price as Orange.

APRICOTS.

Improved Russian Varieties.

Price, 3 to 4 feet, each 30c.; per doz. $1.00.

Gibb. A good bearer; fruit medium size, yellow, sub-acid, rich, juicy. Season June 20th. The best early variety.

Alexander. An immense bearer; fruit large, yellow, flecked with red, both skin and flesh sweet, delicious. Season July 1st. One of the best.

Nicholas. A splendid bearer; fruit medium to large, white, sweet, melting. July 10th. Valuable.

Alexis. An abundant bearer; fruit yellow with red cheek, large, slightly acid, rich and luscious. July 15th.

Catharine. Vigorous and productive; fruit medium size, yellow, sub-acid. Good. July 20th.

J. L. Budd. Strong and profuse bearer; fruit large, white with red cheek, sweet, juicy, extra fine, with kernel equal to almonds. Season August 1st.

"Trees at hand and all delivered. They were all in good shape; everyone was satisfied."

FOREST ELLIS, Bainbridge, Ind.

Crandall Currant. The wonderful productiveness of this new fruit is shown by the cut above, which is no fancy sketch, but a copy of a photograph, of a sprig less than five inches long, showing eight bunches of fruit, it also shows the exact size, the largest berries being nearly ¾ inch in diameter; no other small fruit approaches it in productiveness. It is absolutely proof against the currant worm and other insect enemies. For all culinary purposes, either for pies or sauce, green or ripe, and for jam or jelly when ripe, it has no superior on account of its delicious flavor, peculiar to itself, although some like Huckleberry, but more acid, given it more character. We think it is the very best fruit of its season for pies, and we use no other, far better than any other small fruit. When cooked the seeds almost entirely disappear. We have had hundreds taste of pie made from Crandall Currants, and all liked it; nearly all pronounced it the best pie they ever ate, and jelly made from this currant is delicious to a degree beyond description. No one would hesitate to plant the Crandall if they could have heard the exclamations of the hundreds who tasted the jelly made from it at the Ohio State Fair in 1889.

It has no relation too, neither has it a trace of the odor of the European Black Currant. It is a "Native American."

It is a strong, rapid grower, usually bearing fruit the next year after planting. Owing to its size, it is rapidly picked, can be shipped farther and kept longer than any other small fruit.

That all may know that we do not exaggerate its productiveness, we have some photographs of a three year bush 8 x 10 inches, which we will mail to any address on receipt of 25 cents. in 1 or 2 cent postage stamps; with it we will send a due bill good for 25 cents, to apply as part payment on an order for three plants at $1.50, or 6 plants at $2.50, or 12 plants at $5.00. which are our prices. Single plants 50 cents. all well rooted. Small plants by mail same price; extra large plants 75 cents each.

R. W. Crandall, the originator, says: "It has come to my knowledge that parties in the West having the Wild Black, or the Missouri Flowering Currant, are offering them for sale as tho Crandall Currant. I want to say to the public, look out for such and buy the genuine plants of Frank Ford & Son, of Ravenna, Ohio.

After seeing the Crandall at our place, Mr. F. C. Miller, a prominent fruit grower of New Philadelphia, Ohio, says: "I consider the Crandall Currant the most productive of any small fruit known to me. It must be seen to be believed. I think an acre of such plants as yours will produce not less than 500 bushels. For culinary purposes it is most excellent; have eaten it stewed and in pie; *its flavor is exquisite.* Another good point is its good shipping quality, is firm and keeps well; had some of those you gave me in good eating condition six days, and will, when known, make a very profitable market berry. I wish you great success with the Crandall."

Hon. H. E. Van Deman, U. S. Pomologist, Washington, D. C., writes July 26, '89; "The sample of Crandall Currant came to-day. It is fully up to my expectations in all respects, I have seen this species growing wild and cultivated in gardens in Central and Western Kansas, which is its native habitat, but never any so large as the variety you have. * * * Certainly no one could wish for a more productive fruit; I do not know of one that will yield a larger amount, judging from the branches sent me, and from what I know of other varieties of this species which I have seen in Kansas. It certainly is a blessing to all that region lying west of the Mississippi and east of the Rocky Mountains, and will be welcomed by the fruit growers of the Eastern States. The plant will withstand the trying climatic conditions of the Western plains, even as far north as Dakota, and is peculiarly exempt from insect depredations. I wish you all possible success in the distribution of this valuable fruit."

C. L. Whitney, Nurseryman, Warren, Ohio, says: "Having seen the Crandall in full bearing, and tested its culinary qualities, I am free to say that it fully equalled my expectations of it. Pies made from it are as good as the best, while its bearing qualities are *wonderful.* It seems to me it must soon take an important place in our list of small fruits. The introducers have not overrated it at all."